

**VP9 Patent List**

updated as of February 19, 2024

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Company	VP9 Family	Pat.Nr	Claim	Illustrative section(s) of the VP9 specification	
Dolby International AB	VP9-002	Exemplary Patent/s	US10499058	1	1, 2.3, 2.10, 2.16, 2.17, 2.45, 2.46, 2.58, 4.6, 4.7, 5.10, 5.26, 6.2, 6.2.2, 6.4.21, 6.4.24, 7.1, 7.2, 7.2.2, 7.4.16, 8.1, 8.6, 8.6.1, 8.6.2, B.1
			US10728554	1	1, 2.3, 2.16, 2.17, 2.45, 2.46, 4.6, 6.2, 6.2.2, 6.4.21, 6.4.24, 7.2, 7.2.2, 7.4.16, 8, 8.1, 8.6, 8.6.1, 8.6.2
			US10951893	1	1, 2.3, 2.16, 2.17, 2.45, 2.46, 4.6, 6.2, 6.2.2, 6.4.21, 6.4.24, 7.2, 7.2.2, 7.4.16, 8, 8.1, 8.6, 8.6.1, 8.6.2
		Family members	US9294771		
	VP9-004	Exemplary Patent/s	US10297008	1	2, 5.1, 6.2.9, 7.2.9, 8.6, 8.6.1, 8.6.2
			US9584816	1	1, 2.3, 2.5, 2.9, 2.10, 2.11, 2.16, 2.17, 2.18, 2.22, 2.36, 2.45, 2.46, 2.52, 2.56, 2.57, 2.59, 2.60, 2.63, 4.6, 5.1, 5.6, 6.1, 6.2, 6.2.9, 6.2.10, 6.4, 6.4.2, 6.4.3, 6.4.4, 6.4.21, 7, 7.1, 7.2.9, 7.4.3, 8.6, 8.6.1, 8.6.2
	VP9-008	Exemplary Patent/s	USRE46924E	1	1, 2.5, 2.16, 2.17, 2.22, 2.27, 2.39, 3, 5.13, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.19, 6.4.20, 6.5.1, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.11, 7.4.13, 7.4.14
			Family members	US8401080	
	VP9-010	Exemplary Patent/s	CN107094252	2	1, 2, 5.6, 6.1, 6.2.6, 6.2.13, 6.4, 6.4.2, 6.4.3, 7.2.11, 8.6, 8.6.1, 8.7, 9.2
			KR101851477	1	2.3, 2.17, 2.47, 2.57, 2.59, 2.60, 5.14, 6.1, 6.2, 6.2.13, 6.4, 6.4.2, 6.4.3, 7.2.11, 9.2
			KR102003549	1	2.3, 2.5, 2.10, 2.16, 2.17, 2.47, 2.57, 2.58, 2.60, 4.7, 5.1, 5.6, 5.14, 5.26, 6.1, 6.2.13, 6.4, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.13, 6.4.21, 7.2.11, 7.4.15, 8, 8.1, 8.5, 8.1, B.4
			RU2613740	2	1, 2.3, 2.5, 2.10, 2.17, 2.22, 2.40, 2.56, 2.57, 2.60, 4.9, 4.9.3, 4.9.4, 4.9.5, 6.1, 6.2, 6.2.6, 6.2.13, 6.2.14, 6.4, 6.4.2, 6.4.3, 7.1, 7.2.11, 7.4.1, 7.4.3, 9.2
			US10362311	1	2.3, 2.5, 2.10, 2.16, 2.17, 2.47, 2.57, 2.58, 2.60, 4.7, 5.1, 5.6, 5.14, 5.26, 6.1, 6.2.13, 6.4, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.13, 6.4.21, 7.2.11, 7.4.15, 8.1, 8.5, 8.1, B.4
			US9319694	1	1, 2.3, 2.5, 2.10, 2.17, 2.22, 2.40, 2.56, 2.57, 2.60, 4.9, 4.9.3, 4.9.4, 4.9.5, 6.1, 6.2, 6.2.6, 6.2.13, 6.2.14, 6.4, 6.4.2, 6.4.3, 7.1, 7.2.11, 7.4.1, 7.4.3, 9.2
			US9661335	1	2.3, 2.5, 2.10, 2.16, 2.17, 2.47, 2.57, 2.58, 2.60, 4.7, 5.1, 5.6, 5.14, 5.26, 6.1, 6.2.13, 6.4, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.13, 6.4.21, 7.2.11, 7.4.15, 8, 8.1, 8.5, 8.1, B.4
		Family members	KR101708982		
		US9380308			
		US9654783			
	VP9-011	Exemplary Patent/s	TWI268714	2	2.3, 2.5, 2.16, 2.17, 2.22, 2.25, 2.26, 2.27, 2.32, 2.52, 2.53, 2.57, 2.59, 2.61, 2.62, 6.1, 6.2, 6.4, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.10, 6.4.11, 6.4.13, 6.4.21, 7.2, 7.4.3, 7.4.4, 7.4.8, 7.4.9, 8.5, 8.5.2, 8.6, 8.6.2, 8.7, 8.7.2, 10.2
			US7894530	6	2.3, 2.5, 2.16, 2.17, 2.22, 2.25, 2.26, 2.27, 2.32, 2.52, 2.53, 2.57, 2.59, 2.61, 2.62, 6.1, 6.2, 6.4, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.10, 6.4.11, 6.4.13, 6.4.21, 7.2, 7.4.3, 7.4.4, 7.4.8, 7.4.9, 8.5, 8.5.2, 8.6, 8.6.2, 8.7, 8.7.2, 10.2
	VP9-012	Exemplary Patent/s	US7319415	17	1, 2.3, 2.5, 2.9, 2.10, 2.16, 2.17, 2.22, 2.25, 2.26, 2.27, 2.32, 2.35, 2.41, 2.42, 2.43, 2.48, 2.51, 2.52, 2.59, 2.61, 2.62, 8.5, 8.5.2, 8.6.2, 8.7, 8.7.2, 8.8, 8.8.1, 8.8.2, 8.8.4, 8.8.5, 8.8.5.1
	VP9-013	Family members	US7929610		
	VP9-014	Family members	US7450641		
US8798173					

Electronics and Telecommunications Research Institute	VP9-022	Exemplary Patent/s	KR101356448	1	2.37, 2.56, 6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 7.2.2, 7.4.3, 7.4.4, 7.4.5, 7.4.15, 8.5.1, 10.2	
			KR101412176	1	2.37, 2.56, 6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 7.2.2, 7.4.3, 7.4.4, 7.4.5, 7.4.15, 8.5.1, 10.2	
			KR101461496	1	5.7, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 7.4.4, 7.4.5, 7.4.15, 8.5.1	
			KR101461497	1	2.37, 2.56, 6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 7.2.2, 7.4.3, 7.4.4, 7.4.5, 7.4.15, 8.5.1, 10.2	
			KR101605852	2	5.1, 5.7, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 7.4.4, 7.4.5, 7.4.15, 8.5.1	
			US10178393	1	2.37, 2.56, 6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 7.2.2, 7.4.3, 7.4.4, 7.4.5, 7.4.15, 8.5.1, 10.2	
			US10321137	1	2.37, 2.56, 6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 7.2.2, 7.4.3, 7.4.4, 7.4.5, 7.4.15, 8.5.1, 10.2	
			US10917647	1	2.37, 2.56, 6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 7.2.2, 7.4.3, 7.4.4, 7.4.5, 7.4.15, 8.5.1, 10.2	
			US11683502	1	2.37, 2.56, 6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 7.2.2, 7.4.3, 7.4.4, 7.4.5, 7.4.15, 8.5.1, 10.2	
			US8867854	1.5	2.37, 2.56, 6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 7.2.2, 7.4.3, 7.4.4, 7.4.5, 7.4.15, 8.5.1, 10.2	
			US9369737	2.8	2.37, 2.56, 6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 7.2.2, 7.4.3, 7.4.4, 7.4.5, 7.4.15, 8.5.1, 10.2	
			US9407937	1.5	2.37, 2.56, 6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 7.2.2, 7.4.3, 7.4.4, 7.4.5, 7.4.15, 8.5.1, 10.2	
			Family members	CN103384333		
				CN104219523		
		US9942554				
	VP9-023	Exemplary Patent/s	CN103548356	3	1, 6, 6.4.4, 6.4.5, 6.4.6, 6.4.8, 6.4.21, 6.4.24, 7, 7.4.7, 7.4.10, 8.5, 8.5.1, 8.6.2	
			CN107623857	1.8	6.4.6, 6.4.8, 6.4.21, 6.4.24, 7.4.5, 7.4.7, 7.4.15, 7.4.16, 8.5.1, 8.6.2	
			CN107888929	1	6.4.6, 6.4.8, 6.4.21, 6.4.24, 7.4.5, 7.4.7, 7.4.15, 7.4.16, 8.5.1, 8.6.2	
			KR101857755	1, 9, 18, 20	6.4.6, 6.4.8, 6.4.21, 6.4.24, 7.4.5, 7.4.7, 7.4.15, 7.4.16, 8.5.1, 8.6.2	
			KR101947142	1	6.4.6, 6.4.8, 6.4.21, 6.4.24, 7.4.5, 7.4.7, 7.4.15, 7.4.16, 8.5.1, 8.6.2	
			KR102046520	1.6	6.4.6, 6.4.8, 6.4.21, 6.4.24, 7.4.5, 7.4.7, 7.4.15, 7.4.16, 8.5.1, 8.6.2	
			KR102046521	1.6	6.4.6, 6.4.8, 6.4.21, 6.4.24, 7.4.5, 7.4.7, 7.4.15, 7.4.16, 8.5.1, 8.6.2	
			KR102046522	1.6	6.4.6, 6.4.8, 6.4.21, 6.4.24, 7.4.5, 7.4.7, 7.4.15, 7.4.16, 8.5.1, 8.6.2	
			KR102046523	1.6	6.4.6, 6.4.8, 6.4.21, 6.4.24, 7.4.5, 7.4.7, 7.4.15, 7.4.16, 8.5.1, 8.6.2	
			KR102148466	1.6	6.4.6, 6.4.8, 6.4.21, 6.4.24, 7.4.5, 7.4.7, 7.4.15, 7.4.16, 8.5.1, 8.6.2	
			US10575014	1, 7	6.4.6, 6.4.8, 6.4.21, 6.4.24, 7.4.5, 7.4.7, 7.4.15, 7.4.16, 8.5.1, 8.6.2	
			US10992956	1.7	6.4.6, 6.4.8, 6.4.21, 6.4.24, 7.4.5, 7.4.7, 7.4.15, 7.4.16, 8.5.1, 8.6.2	
			US11523133	1.7	6.4.6, 6.4.8, 6.4.21, 6.4.24, 7.4.5, 7.4.7, 7.4.15, 7.4.16, 8.5.1, 8.6.2	
			US17/894684	1.6	6.4.6, 6.4.8, 6.4.21, 6.4.24, 7.4.5, 7.4.7, 7.4.15, 7.4.16, 8.5.1, 8.6.2	
			US18/091540	1.7	6.4.6, 6.4.8, 6.4.21, 6.4.24, 7.4.5, 7.4.7, 7.4.15, 7.4.16, 8.5.1, 8.6.2	
			US18/091542	1.7	6.4.6, 6.4.8, 6.4.21, 6.4.24, 7.4.5, 7.4.7, 7.4.15, 7.4.16, 8.5.1, 8.6.2	
			VP9-024	Exemplary Patent/s	IDP000055563	1
	IDP000067851	1			1, 2, 3, 4.6, 6.5, 8.5	
	IDP000074830	10			1, 2, 3, 4.6, 6.5, 8.5	
	JP5911890	1			1, 2, 3, 4.6, 6.5, 8.5	
	JP6203878	1			1, 2, 3, 4.6, 6.5, 8.5	
	RU2586017	1			1, 2, 3, 4.6, 6.5, 8.5	
	Family members	CA2826157				
		CN103583044				
	JP6550429					
	KR101428030					
	KR101461498					
	KR101461499					
	KR101477771					
	US10244252					

Electronics and	VP9-026	Exemplary Patent/s	KR102171380	1	2.3, 2.22, 2.60, 6, 6.1, 6.4, 7.1, 7.4.1, 9.2
			KR102275730	1	2.3, 2.22, 2.60, 6, 6.1, 6.4, 7.1, 7.4.1
			KR102363426	1	2.3, 2.22, 2.60, 6, 6.1, 6.4, 6.4.21, 6.4.24, 7.1, 7.4.1, 7.4.15, 7.4.16, 8.6.2
		Family members	KR101726276		
			KR101797055		
			KR101894407		
			KR101975254		
	VP9-027	Exemplary Patent/s	KR101527085	1	2.21, 4.9.5, 6.4.3, 6.4.4, 6.4.21, 6.4.24, 7.4.3, 7.4.9, 7.4.15, 7.4.16, 8.5.1, 8.6.2, 9.2, 10.2
			KR101527086	1	2.21, 4.9.5, 6.4.3, 6.4.4, 6.4.21, 6.4.24, 7.4.3, 7.4.9, 7.4.15, 7.4.16, 8.5.1, 8.6.2, 9.2, 10.2
			KR101527087	1	2.21, 4.9.5, 6.4.3, 6.4.4, 6.4.21, 6.4.24, 7.4.3, 7.4.9, 7.4.15, 7.4.16, 8.5.1, 8.6.2, 9.2, 10.2
			KR101697153	1	2.21, 4.9.5, 6.4.3, 6.4.4, 6.4.21, 6.4.24, 7.4.3, 7.4.9, 7.4.15, 7.4.16, 8.5.1, 8.6.2, 9.2, 10.2
			KR101697154	1	2.21, 4.9.5, 6.4.3, 6.4.4, 6.4.21, 6.4.24, 7.4.3, 7.4.9, 7.4.15, 7.4.16, 8.5.1, 8.6.2, 9.2, 10.2
	VP9-028	Exemplary Patent/s	KR101527444	1	2.19, 2.20, 6.4.4, 6.4.5, 6.4.6, 6.4.8, 6.4.11, 6.4.21, 6.4.24, 7.4.7, 7.4.16
			Family members	CN104488270	
		KR101725818			
		KR101809728			
		KR101809729			
		KR101809730			
		KR101809731			
		TWI563836			
		TWI596935			
		TWI619378			
		TWI619379			
TWI621353					
US10341661					
US9497465					
US9628799					
US9635363					
US9641845					
US9723311					
VP9-029	Exemplary Patent/s	KR100882949	19	4.9.5, 6.4.15, 6.4.24, 6.4.25, 7.4.5, 7.4.10, 7.4.16, 8.6.2, 8.7.2, 9.2, 10.1, 10.2	
		US10499064	2	4.9.5, 6.4.15, 6.4.24, 6.4.25, 7.4.5, 7.4.10, 7.4.16, 8.6.2, 8.7.2, 9.2, 10.1, 10.2	
		US11330274	1.3	4.9.5, 6.4.15, 6.4.24, 6.4.25, 7.4.5, 7.4.10, 7.4.16, 8.6.2, 8.7.2, 9.2, 10.1, 10.2	
		US9154784	1	4.9.5, 6.4.15, 6.4.24, 6.4.25, 7.4.5, 7.4.10, 7.4.16, 8.6.2, 8.7.2, 9.2, 10.1, 10.2	
		US9736484	1	4.9.5, 6.4.15, 6.4.24, 6.4.25, 7.4.5, 7.4.10, 7.4.16, 8.6.2, 8.7.2, 9.2, 10.1, 10.2	
		US9819942	4	4.9.5, 6.4.15, 6.4.24, 6.4.25, 7.4.5, 7.4.10, 7.4.16, 8.6.2, 8.7.2, 9.2, 10.1, 10.2	
	Family members	US8548060			
US9225982					
VP9-080	Exemplary Patent/s	KR101095938	14	4.9.5, 5.22, 6.4.15, 6.4.24, 6.4.25, 7.4.5, 7.4.10, 7.4.16, 8, 8.1, 8.6.2, 8.7.2, 9.2	
VP9-082	Exemplary Patent/s	KR102439871	1	2.15, 2.45, 3, 6.2.9, 6.2.10, 6.4.25, 7.2.9, 8.6.1, 8.6.2, 8.7.2	
		Family members	KR101854640		
	KR101874015				
	KR101973563				
KR101973571					
VP9-088	Exemplary Patent/s	KR101894557	1	1, 4.9.5, 6.4.6, 7.4.5, 8, 8.1, 8.5.1, 9.2.2, 9.3, 9.3.2, 9.3.3, 10.4	
VP9-089	Exemplary Patent/s	KR101424219	1	6.4.16, 6.4.18, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.4.3, 7.4.4., 8.5.2, 8.5.2.1	
		KR101527443	1	6.4.16, 6.4.18, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.4.3, 7.4.4., 8.5.2, 8.5.2.1	
		KR102245490	1	6.4.16, 6.4.18, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.4.3, 7.4.4., 8.5.2, 8.5.2.1	
		KR102332284	1	6.4.16, 6.4.18, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.4.3, 7.4.4., 8.5.2, 8.5.2.1	

Electronics and Telecommunications	VP9-089	Exemplary Patent/s	TWI612799	1	6.4.16, 6.4.18, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.4.3, 7.4.4., 8.5.2, 8.5.2.1
			TWI651962	1	6.4.16, 6.4.18, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.4.3, 7.4.4., 8.5.2, 8.5.2.1
			TWI651963	1	6.4.16, 6.4.18, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.4.3, 7.4.4., 8.5.2, 8.5.2.1
			TWI653877	1	6.4.16, 6.4.18, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.4.3, 7.4.4., 8.5.2, 8.5.2.1
			TWI662831	1	6.4.16, 6.4.18, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.4.3, 7.4.4., 8.5.2, 8.5.2.1
			Family members	KR101424220	
	VP9-094	Exemplary Patent/s	KR101720622	1	2.37, 2.56, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.4.3, 7.4.4, 8.5.2
	VP9-097	Exemplary Patent/s	CN110267048	1	1, 2.3, 2.5, 2.10, 2.15-2.17, 2.22, 2.26, 2.27, 2.37-2.39, 2.41-2.43, 2.52, 2.53, 2.56, 2.57, 2.59, 2.60, 5.5, 5.6, 5.14, 6.1, 6.2, 6.2.13, 6.3, 6.3.1, 6.4, 6.4.2-6.4.5, 6.4.11, 6.4.13, 6.4.16, 6.4.18, 6.4.19, 6.4.21, 6.4.24, 6.4.26, 6.5, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.1, 7.2.11, 7.3, 7.3.1, 7.4.1, 7.4.3, 7.4.4, 7.4.9, 7.4.11, 7.4.13, 7.4.15-7.4.17, 8.1, 8.5, 8.5.2, 8.5.2.1, 8.6, 8.6.1, 8.6.2, 8.7.2
			JP6746749	3	1, 2.3, 2.5, 2.10, 2.19, 2.20, 2.22, 2.26, 2.27, 2.37-2.39, 2.41-2.43, 2.52, 2.53, 2.56, 2.57, 2.59, 2.60, 5.5, 5.6, 5.14, 6.1, 6.2, 6.2.13, 6.3, 6.3.1, 6.4, 6.4.2-6.4.5, 6.4.11, 6.4.13, 6.4.16, 6.4.18, 6.4.19, 6.4.21, 6.5, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.1, 7.2.11, 7.3, 7.3.1, 7.4.1, 7.4.3, 7.4.4, 7.4.9, 7.4.11, 7.4.13, 7.4.15, 8.5, 8.5.2, 8.5.2.1
			JP7025491	3	1, 2.3, 2.5, 2.10, 2.19, 2.20, 2.22, 2.26, 2.27, 2.37-2.39, 2.41-2.43, 2.52, 2.53, 2.56, 2.57, 2.59, 2.60, 5.5, 5.6, 5.14, 6.1, 6.2, 6.2.13, 6.3, 6.3.1, 6.4, 6.4.2-6.4.5, 6.4.11, 6.4.13, 6.4.16, 6.4.18, 6.4.19, 6.4.21, 6.5, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.1, 7.2.11, 7.3, 7.3.1, 7.4.1, 7.4.3, 7.4.4, 7.4.9, 7.4.11, 7.4.13, 7.4.15, 8.5, 8.5.2, 8.5.2.1
			JP7358573	1	2, 5.6, 5.14, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 7.4.3, 7.4.15, 8.1
			JP7358582	3	2, 5.6, 5.14, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.4.3, 7.4.15, 8.1, 8.5.2, 8.5.2.1
			KR101651594	1	2.18, 2.32, 2.37, 2.46, 2.56, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.24, 6.4.26, 6.5.1, 6.5.6, 6.5.11, 6.5.12, 7.4.3, 7.4.4, 7.4.16, 7.4.17, 8.5.2, 8.5.2.1, 8.6.2, 8.7.2
			KR101651595	1	2.37, 2.56, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.5.1, 6.5.6, 6.5.11, 6.5.12, 7.4.3, 7.4.4, 8.5.2, 8.5.2.1, 8.5.2.3, 8.5.2.4
			KR101718886	1	2.37, 2.56, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.5.1, 6.5.6, 6.5.11, 6.5.12, 7.4.3, 7.4.4, 8.5.2, 8.5.2.1, 8.5.2.3, 8.5.2.4
KR102114036			1	1, 2.3, 2.5, 2.10, 2.15-2.17, 2.22, 2.26, 2.27, 2.37-2.39, 2.41-2.43, 2.52, 2.53, 2.56, 2.57, 2.59, 2.60, 5.5, 5.6, 5.14, 6.1, 6.2, 6.2.13, 6.3, 6.3.1, 6.4, 6.4.2-6.4.5, 6.4.11, 6.4.13, 6.4.16, 6.4.18, 6.4.19, 6.4.21, 6.4.24, 6.4.26, 6.5, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.1, 7.2.11, 7.3, 7.3.1, 7.4.1, 7.4.3, 7.4.4, 7.4.9, 7.4.11, 7.4.13, 7.4.15-7.4.17, 8.1, 8.5, 8.5.2, 8.5.2.1, 8.6, 8.6.1, 8.6.2, 8.7.2	
KR102331195			1	1, 2.3, 2.5, 2.10, 2.15-2.17, 2.22, 2.26, 2.27, 2.37-2.39, 2.41-2.43, 2.52, 2.53, 2.56, 2.57, 2.59, 2.60, 5.5, 5.6, 5.14, 6.1, 6.2, 6.2.13, 6.3, 6.3.1, 6.4, 6.4.2-6.4.5, 6.4.11, 6.4.13, 6.4.16, 6.4.18, 6.4.19, 6.4.21, 6.4.24, 6.4.26, 6.5, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.1, 7.2.11, 7.3, 7.3.1, 7.4.1, 7.4.3, 7.4.4, 7.4.9, 7.4.11, 7.4.13, 7.4.15-7.4.17, 8.1, 8.5, 8.5.2, 8.5.2.1, 8.6, 8.6.1, 8.6.2, 8.7.2	
US10038907			1	1, 2.3, 2.5, 2.10, 2.19, 2.20, 2.22, 2.26, 2.27, 2.37-2.39, 2.41-2.43, 2.52, 2.53, 2.56, 2.57, 2.59, 2.60, 5.5, 5.6, 5.14, 6.1, 6.2, 6.2.13, 6.3, 6.3.1, 6.4, 6.4.2-6.4.5, 6.4.11, 6.4.13, 6.4.16, 6.4.18, 6.4.19, 6.4.21, 6.5, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.1, 7.2.11, 7.3, 7.3.1, 7.4.1, 7.4.3, 7.4.4, 7.4.9, 7.4.11, 7.4.13, 7.4.15, 8.5, 8.5.2, 8.5.2.1	
US10694191			1	1, 2.3, 2.5, 2.10, 2.15-2.17, 2.22, 2.26, 2.27, 2.37-2.39, 2.41-2.43, 2.52, 2.53, 2.56, 2.57, 2.59, 2.60, 5.5, 5.6, 5.14, 6.1, 6.2, 6.2.13, 6.3, 6.3.1, 6.4, 6.4.2-6.4.5, 6.4.11, 6.4.13, 6.4.16, 6.4.18, 6.4.19, 6.4.21, 6.4.24, 6.4.26, 6.5, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.1, 7.2.11, 7.3, 7.3.1, 7.4.1, 7.4.3, 7.4.4, 7.4.9, 7.4.11, 7.4.13, 7.4.15-7.4.17, 8.1, 8.5, 8.5.2, 8.5.2.1, 8.6, 8.6.1, 8.6.2, 8.7.2	

<b>Electronics and Telecommunications Research Institute</b>	<b>VP9-097</b>	Exemplary Patent/s	<b>US11206411</b>	1	1, 2.3, 2.5, 2.10, 2.15-2.17, 2.22, 2.26, 2.27, 2.37-2.39, 2.41-2.43, 2.52, 2.53, 2.56, 2.57, 2.59, 2.60, 5.5, 5.6, 5.14, 6.1, 6.2, 6.2.13, 6.3, 6.3.1, 6.4, 6.4.2-6.4.5, 6.4.11, 6.4.13, 6.4.16, 6.4.18, 6.4.19, 6.4.21, 6.4.24, 6.4.26, 6.5, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.1, 7.2.11, 7.3, 7.3.1, 7.4.1, 7.4.3, 7.4.4, 7.4.9, 7.4.11, 7.4.13, 7.4.15-7.4.17, 8.1, 8.5, 8.5.2, 8.5.2.1, 8.6, 8.6.1, 8.6.2, 8.7.2
			<b>US9854249</b>	1	1, 2.3, 2.5, 2.10, 2.15-2.17, 2.22, 2.26, 2.27, 2.37-2.39, 2.41-2.43, 2.52, 2.53, 2.56, 2.57, 2.59, 2.60, 5.5, 5.6, 5.14, 6.1, 6.2, 6.2.13, 6.3, 6.3.1, 6.4, 6.4.2-6.4.5, 6.4.11, 6.4.13, 6.4.16, 6.4.18, 6.4.19, 6.4.21, 6.4.24, 6.4.26, 6.5, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.1, 7.2.11, 7.3, 7.3.1, 7.4.1, 7.4.3, 7.4.4, 7.4.9, 7.4.11, 7.4.13, 7.4.15-7.4.17, 8.1, 8.5, 8.5.2, 8.5.2.1, 8.6, 8.6.1, 8.6.2, 8.7.2
	<b>VP9-098</b>	Exemplary Patent/s	<b>KR102150089</b>	1.8	2.26, 2.27, 2.29, 6.2, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.17, 7.2, 7.4.4, 7.4.12, 8, 8.1, 8.5, 8.5.2, 8.5.2.4, 8.6.2, 9.3.2
			<b>KR102253173</b>	10	2.26, 2.27, 2.29, 6.2, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.17, 7.2, 7.4.4, 7.4.12, 8, 8.1, 8.5, 8.5.2, 8.5.2.4, 8.6.2, 9.3.2
			<b>KR102555224</b>	10	2.26, 2.27, 2.29, 6.2, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.17, 7.2, 7.4.4, 7.4.12, 8, 8.1, 8.5, 8.5.2, 8.5.2.4, 8.6.2, 9.3.2
	<b>VP9-105</b>	Exemplary Patent/s	<b>US11595655</b>	1	1, 2.3, 2.5, 2.6, 2.15-2.17, 2.22, 2.40-2.43, 2.48, 2.51-2.53, 2.61-2.63, 3, 4.9.5, 6.2, 6.2.9, 6.4.4, 6.4.8, 6.4.21, 6.4.24-6.4.26, 7.2.9, 7.47, 8.7.2, 9.3, 9.3.1, 9.3.2, 10.2
	<b>VP9-108</b>	Exemplary Patent/s	<b>KR102423641</b>	1	6.4.11, 6.4.13, 6.4.16, 6.4.18, 6.5.1, 6.5.2, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.3, 7.4.4, 7.4.9, 8.5.2, 8.5.2.1
			<b>KR102504802</b>	1	6.4.11, 6.4.13, 6.4.16, 6.4.18, 6.5.1, 6.5.2, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.3, 7.4.4, 7.4.9, 8.5.2, 8.5.2.1, 8.6.2
	<b>VP9-109</b>	Exemplary Patent/s	<b>CN110198441</b>	1	2.37, 2.56, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.4.3, 7.4.4, 8.5.2, 8.5.2.1, 8.6.2
			<b>CN110198447</b>	1	2.37, 2.56, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.4.3, 7.4.4, 8.5.2, 8.5.2.1, 8.6.2
			<b>CN110198450</b>	1	2.37, 2.56, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.4.3, 7.4.4, 8.5.2, 8.5.2.1, 8.6.2
			<b>CN110267048</b>	1	2.37, 2.56, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.4.3, 7.4.4, 8.5.2, 8.5.2.1, 8.6.2
			<b>CN110446038</b>	1	2.37, 2.56, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.4.3, 7.4.4, 8.5.2, 8.5.2.1, 8.6.2
			<b>JP7271768</b>	1	2.37, 2.56, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.4.3, 7.4.4, 8.5.2, 8.5.2.1, 8.6.2
			<b>JP7414909</b>	3	2.37, 2.56, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.4.3, 7.4.4, 8.5.2, 8.5.2.1, 8.6.2
			<b>KR102412640</b>	1	2.37, 2.56, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.4.3, 7.4.4, 8.5.2, 8.5.2.1, 8.6.2
			<b>KR102412641</b>	1	2.37, 2.56, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.4.3, 7.4.4, 8.5.2, 8.5.2.1, 8.6.2
			<b>KR102412642</b>	1	2.37, 2.56, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.4.3, 7.4.4, 8.5.2, 8.5.2.1, 8.6.2
			<b>KR102559003</b>	1	2.37, 2.56, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.4.3, 7.4.4, 8.5.2, 8.5.2.1
			<b>KR102559004</b>	1	2.37, 2.56, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.4.3, 7.4.4, 8.5.2, 8.5.2.1, 8.6.2
<b>KR102620624</b>			1	2.37, 2.56, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.4.3, 7.4.4, 8.5.2, 8.5.2.1, 8.6.2	
<b>KR102620625</b>	1	2.37, 2.56, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.4.3, 7.4.4, 8.5.2, 8.5.2.1, 8.6.2			
<b>US10536706</b>	1	2.37, 2.56, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.4.3, 7.4.4, 8.5.2, 8.5.2.1, 8.6.2			

Electronics and Telecommunications Research Institute	VP9-109	Exemplary Patent/s	US10805612	1	2.37, 2.56, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.4.3, 7.4.4, 8.5.2, 8.5.2.1, 8.6.2
			US10863181	1	2.37, 2.56, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.4.3, 7.4.4, 8.5.2, 8.5.2.1, 8.6.2
	VP9-110	Exemplary Patent/s	KR102447543	1	2.37, 2.56, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.4.3, 7.4.4, 8.5.2, 8.5.2.1
			KR102558513	1	2.37, 2.56, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.4.3, 7.4.4, 8.5.2, 8.5.2.1
			KR102558514	1	2.37, 2.56, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.5.1, 6.5.2, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.3, 7.4.4, 8.5.2, 8.5.2.1
	VP9-113	Exemplary Patent/s	US9794556	3	1, 2.3, 2.5, 2.10, 2.15-2.17, 2.22, 2.28-2.31, 2.37, 2.40-2.43, 2.48, 2.51, 2.61, 4.9.5, 5.4, 6.4.4-6.4.6, 6.4.8, 6.4.21, 6.4.24, 7.4.4, 7.4.5, 7.4.7, 7.4.10, 7.4.15, 8.1, 8.5, 8.5.1

GE Video Compression, LLC	VP9-030	Exemplary Patent/s	CN108471534	1	1, 2.9, 2.16, 2.17, 2.36, 2.61, 2.62, 4.9, 4.9.5, 6.4.24, 6.4.25, 6.4.26, 7.4.15, 7.4.16, 8, 8.1, 9.2, 9.2.2, 9.3, 9.3.1, 9.3.2, 10.1		
			CN108471537	1	2, 2.3, 2.16, 2.17, 2.59, 2.61, 2.62, 4.9, 4.9.5, 5, 5.4, 6, 6.4.24, 6.4.25, 6.4.26, 7, 7.1.2, 7.4.16, 7.4.17, 8.5.1, 9, 9.2, 9.3, 9.3.2, 10.1		
			HK1260159	1	1, 2.9, 2.16, 2.17, 2.36, 2.61, 2.62, 4.9, 4.9.5, 6.4.24, 6.4.25, 6.4.26, 7.4.15, 7.4.16, 8, 8.1, 9.2, 9.2.2, 9.3, 9.3.1, 9.3.2, 10.1		
			HK1260162	1	2, 2.3, 2.16, 2.17, 2.59, 2.61, 2.62, 4.9, 4.9.5, 5, 5.4, 6, 6.4.24, 6.4.25, 6.4.26, 7, 7.1.2, 7.4.16, 7.4.17, 8.5.1, 9, 9.2, 9.3, 9.3.2, 10.1		
			JP6700341	1	2, 2.3, 2.16, 2.17, 2.59, 2.61, 2.62, 4.9, 4.9.5, 5, 5.4, 6, 6.4.24, 6.4.25, 6.4.26, 7, 7.1.2, 7.4.16, 7.4.17, 8.5.1, 9, 9.2, 9.3, 9.3.2, 10.1		
			JP6700342	1	2, 4.9, 4.9.5, 5.4, 6.4.4, 6.4.21, 6.4.24, 6.4.25, 7.4.8, 7.4.9, 7.4.16, 8.1, 8.6, 8.6.2, 8.7, 9.3, 9.3.2, 10.1		
			KR102023565	1	2.3, 2.16, 2.17, 2.22, 2.23, 2.51, 2.59, 2.60, 2.61, 2.62, 3, 4.9.1, 4.9.3, 4.9.5, 5.1, 5.4, 5.7, 5.21, 5.25, 6, 6.1, 6.1.2, 6.3, 6.3.7, 6.4, 6.4.2, 6.4.3, 6.4.4, 6.4.21, 6.4.24, 6.4.25, 6.4.26, 7.1.2, 7.2, 7.3, 7.3.5, 7.4.16, 7.4.17, 8.4, 8.4.1, 8.4.2, 8.4.3, 9.2, 9.2.1, 9.2.2, 9.2.3, 9.3, 9.3.1, 9.3.2, 9.3.3, 10.5		
			KR102023566	1	1, 2.9, 2.16, 2.17, 2.36, 2.61, 2.62, 4.9, 4.9.5, 6.4.24, 6.4.25, 6.4.26, 7.4.15, 7.4.16, 8, 8.1, 9.2, 9.2.2, 9.3, 9.3.1, 9.3.2, 10.1		
			TWI711302	1	2.3, 2.16, 2.17, 2.22, 2.23, 2.51, 2.59, 2.60, 2.61, 2.62, 3, 4.9.1, 4.9.3, 4.9.5, 5.1, 5.4, 5.7, 5.21, 5.25, 6, 6.1, 6.1.2, 6.3, 6.3.7, 6.4, 6.4.2, 6.4.3, 6.4.4, 6.4.21, 6.4.24, 6.4.25, 6.4.26, 7.1.2, 7.2, 7.3, 7.3.5, 7.4.16, 7.4.17, 8.4, 8.4.1, 8.4.2, 8.4.3, 9.2, 9.2.1, 9.2.2, 9.2.3, 9.3, 9.3.1, 9.3.2, 9.3.3, 10.5		
			TWI787604	1	1, 2.9, 2.16, 2.17, 2.36, 2.61, 2.62, 4.9, 4.9.5, 6.4.24, 6.4.25, 6.4.26, 7.4.15, 7.4.16, 8, 8.1, 9.2, 9.2.2, 9.3, 9.3.1, 9.3.2, 10.1		
			US10129549	1	2.3, 2.16, 2.17, 2.22, 2.23, 2.51, 2.59, 2.60, 2.61, 2.62, 3, 4.9.1, 4.9.3, 4.9.5, 5.1, 5.4, 5.7, 5.21, 5.25, 6, 6.1, 6.1.2, 6.3, 6.3.7, 6.4, 6.4.2, 6.4.3, 6.4.4, 6.4.21, 6.4.24, 6.4.25, 6.4.26, 7.1.2, 7.2, 7.3, 7.3.5, 7.4.16, 7.4.17, 8.4, 8.4.1, 8.4.2, 8.4.3, 9.2, 9.2.1, 9.2.2, 9.2.3, 9.3, 9.3.1, 9.3.2, 9.3.3, 10.5		
			US10148968	1	1, 2.9, 2.16, 2.17, 2.36, 2.61, 2.62, 4.9, 4.9.5, 6.4.24, 6.4.25, 6.4.26, 7.4.15, 7.4.16, 8, 8.1, 9.2, 9.2.2, 9.3, 9.3.1, 9.3.2, 10.1		
			US10477223	1	1, 2.9, 2.16, 2.17, 2.36, 2.61, 2.62, 4.9, 4.9.5, 6.4.24, 6.4.25, 6.4.26, 7.4.15, 7.4.16, 8, 8.1, 9.2, 9.2.2, 9.3, 9.3.1, 9.3.2, 10.1		
			US10587884	1	2.3, 2.16, 2.17, 2.22, 2.23, 2.51, 2.59, 2.60, 2.61, 2.62, 3, 4.9.1, 4.9.3, 4.9.5, 5.1, 5.4, 5.7, 5.21, 5.25, 6, 6.1, 6.1.2, 6.3, 6.3.7, 6.4, 6.4.2, 6.4.3, 6.4.4, 6.4.21, 6.4.24, 6.4.25, 6.4.26, 7.1.2, 7.2, 7.3, 7.3.5, 7.4.16, 7.4.17, 8.4, 8.4.1, 8.4.2, 8.4.3, 9.2, 9.2.1, 9.2.2, 9.2.3, 9.3, 9.3.1, 9.3.2, 9.3.3, 10.5		
			Family members	BR122020004415			
				CN108471538			

GE Video Compression,	VP9-030	Family members	CN108777793		
			KR101605163		
			KR101951413		
			KR102079664		
			US10123025		
			US10750191		
	VP9-031	Exemplary Patent/s	JP6909818	1	2, 5.13, 6.1, 6.4, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.19, 6.4.21, 6.5.14, 7.4.11, 7.4.15, 8.1, 8.5.2, 8.6.2
			KR102145722	1	2.3, 2.16, 2.17, 2.22, 2.48, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.19, 6.4.20, 6.4.21, 6.5.1, 6.5.6, 6.5.11, 6.5.12, 7.4.3, 7.4.4, 7.4.11, 7.4.13, 7.4.14, 7.4.15, 8.5.2, 8.5.2.1, 8.6.2
			TWI713356	1	1, 2.3, 2.5, 2.16, 2.17, 2.22, 2.27, 2.39, 2.52, 2.57, 4.7, 5.13, 5.19, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.19, 6.4.20, 6.5.1, 6.5.12, 7.4.11, 7.4.13, 7.4.14, 8, 8.1, 8.5.2, 8.5.2.1
			US10248966	1	1, 2.3, 2.5, 2.16, 2.17, 2.22, 2.27, 2.39, 2.52, 2.57, 4.7, 5.13, 5.19, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.19, 6.4.20, 6.5.1, 6.5.12, 7.4.11, 7.4.13, 7.4.14, 8, 8.1, 8.5.2, 8.5.2.1
			US10460344	1	1, 2.3, 2.10, 2.15-2.17, 2.22, 2.25-2.27, 2.39, 2.41-2.43, 2.52, 2.53, 2.55, 2.59, 3, 5.5, 5.6, 5.13, 5.14, 6.1, 6.2, 6.2.11, 6.2.13, 6.4, 6.4.2-6.4.5, 6.4.11, 6.4.13, 6.4.16-6.4.21, 6.4.24, 6.5, 6.5.1, 6.5.6, 6.5.12, 7.1, 7.2.11, 7.4.1, 7.4.3, 7.4.4, 7.4.11-7.4.13, 8.1, 8.5, 8.5.2, 8.6.2
			US10672028	1	1, 2.3, 2.5, 2.16, 2.17, 2.22, 2.27, 2.39, 2.52, 2.57, 4.7, 5.13, 5.19, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.19, 6.4.20, 6.5.1, 6.5.12, 7.4.11, 7.4.13, 7.4.14, 8, 8.1, 8.5.2, 8.5.2.1
	VP9-093	Exemplary Patent/s	BR122020007668	1	2, 4.9, 4.9.5, 5.3, 5.6, 5.14, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.7, 6.4.21, 7.4.3, 7.4.15, 8.1, 8.6.2, 9.3.2
			CN105120287	1	2, 4.9, 4.9.5, 5.3, 5.6, 5.14, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.7, 6.4.21, 7.4.3, 7.4.15, 8.1, 8.6.2, 9.3.2
			CN106231329	1	2, 4.9, 4.9.5, 5.3, 5.6, 5.14, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.7, 6.4.21, 7.4.3, 7.4.15, 8.1, 8.6.2, 9.3.2
			CN106231330	1	2, 4.9, 4.9.5, 5.1, 5.6, 5.14, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.7, 6.4.21, 7.4.3, 7.4.15, 8.1, 8.6.2, 9.3.2
			CN106231334	1	2, 4.9, 4.9.5, 5.3, 5.6, 5.14, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.7, 6.4.21, 7.4.3, 7.4.15, 8.1, 8.6, 8.6.2, 9.3.2
			CN106231338	1	2, 4.9, 4.9.5, 5.6, 5.14, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.7, 6.4.21, 7.4.3, 7.4.15, 8.1, 8.6.2, 9.3.2
			TWI775719	1	2, 4.9, 4.9.5, 5.3, 5.6, 5.14, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.7, 6.4.21, 7.4.3, 7.4.15, 8.1, 8.6.2, 9.3.2
	VP9-095	Exemplary Patent/s	US10812811	1	1, 2.3, 2.5, 2.10, 2.15-2.17, 2.22, 2.25-2.27, 2.39-2.43, 2.52, 2.53, 2.56, 2.57, 2.59, 2.60, 3, 4.9, 4.9.3, 4.9.5, 5.5, 5.6, 5.14, 6.1, 6.2, 6.2.11, 6.2.13, 6.4, 6.4.2-6.4.5, 6.4.11, 6.4.13, 6.4.16-6.4.19, 6.4.21, 6.4.24, 6.5, 6.5.1, 6.5.14, 7.1, 7.2.11, 7.4.1, 7.4.3, 7.4.4, 7.4.11, 7.4.12, 7.4.15, 7.4.16, 8.1, 8.5, 8.5.2, 8.6, 8.6.2
	VP9-096	Exemplary Patent/s	CN103299623	1	1, 2, 5.6, 5.15, 6.2.11, 6.4.4, 6.4.5, 6.4.8, 6.4.9, 6.4.11, 6.4.12, 6.4.13, 6.4.21, 7.2.10, 7.4.6, 7.4.15, 8.5.2, 8.6, 8.6.2
CN106851320			7	1, 2, 5.6, 5.15, 6.2.11, 6.4.7, 6.4.12, 6.4.24, 7.2.9, 7.2.10, 7.4.6, 7.4.15, 7.4.16, 8.5, 8.5.1, 8.5.2, 8.6.2	
CN107071487			1	1, 2, 5.6, 5.15, 6.2.11, 6.4.3, 6.4.4, 6.4.5, 6.4.8, 6.4.9, 6.4.11, 6.4.12, 6.4.13, 6.4.21, 7.2.10, 7.4.3, 7.4.6, 7.4.15, 8.5.2, 8.6, 8.6.2	
CN107071489			1	1, 2, 5.6, 5.15, 6.2.11, 6.4.4, 6.4.5, 6.4.8, 6.4.9, 6.4.11, 6.4.12, 6.4.13, 6.4.21, 7.2.10, 7.4.6, 7.4.15, 8.5.2, 8.6, 8.6.2	
CN107071491			1	1, 2, 5.6, 5.15, 6.2.11, 6.4.4, 6.4.5, 6.4.8, 6.4.9, 6.4.11, 6.4.12, 6.4.13, 6.4.21, 7.2.9, 7.2.10, 7.4.6, 7.4.15, 8.5.2, 8.6, 8.6.2	
CN107071492			1	1, 2, 4.9, 4.9.5, 5.6, 5.15, 6.2.11, 6.4.3, 6.4.4, 6.4.5, 6.4.8, 6.4.9, 6.4.11, 6.4.12, 6.4.13, 6.4.21, 7.2.10, 7.4.3, 7.4.6, 7.4.15, 8.5.2, 8.6, 8.6.2	
HK1242497			1	1, 2, 5.6, 5.15, 6.2.11, 6.4.3, 6.4.4, 6.4.5, 6.4.8, 6.4.9, 6.4.11, 6.4.12, 6.4.13, 6.4.21, 7.2.10, 7.4.3, 7.4.6, 7.4.15, 8.5.2, 8.6, 8.6.2	

GE Video Compression, LLC	VP9-096	Exemplary Patent/s	HK1242880	1	1, 2, 5.6, 5.15, 6.2.11, 6.4.4, 6.4.5, 6.4.8, 6.4.9, 6.4.11, 6.4.12, 6.4.13, 6.4.21, 7.2.9, 7.2.10, 7.4.6, 7.4.15, 8.5.2, 8.6, 8.6.2
			HK1243254	1	1, 2, 4.9, 4.9.5, 5.6, 5.15, 6.2.11, 6.4.3, 6.4.4, 6.4.5, 6.4.8, 6.4.9, 6.4.11, 6.4.12, 6.4.13, 6.4.21, 7.2.10, 7.4.3, 7.4.6, 7.4.15, 8.5.2, 8.6, 8.6.2
			HK1243255	1	1, 2, 5.6, 5.15, 6.2.11, 6.4.4, 6.4.5, 6.4.8, 6.4.9, 6.4.11, 6.4.12, 6.4.13, 6.4.21, 7.2.10, 7.4.6, 7.4.15, 8.5.2, 8.6, 8.6.2
			JP6856554	1	2, 4.9.5, 5.15, 5.6, 6.2.11, 6.4.3, 6.4.4, 6.4.5, 6.4.8, 6.4.9, 6.4.10, 6.4.11, 6.4.12, 6.4.13, 6.4.14, 6.4.21, 6.4.24, 6.4.26, 7.2.9, 7.2.10, 7.4.3, 7.4.3, 7.4.6, 7.4.7, 7.4.8, 7.4.9, 7.4.15, 8.1, 8.5.2, 8.6.2
			KR101527666	1	2.3, 2.16, 2.17, 2.37, 2.54, 2.56, 2.57, 2.59, 3, 6.2.11, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.8, 6.4.9, 6.4.11, 6.4.12, 6.4.21, 6.4.24, 7.2.10, 7.4.3, 7.4.7, 7.4.15, 7.4.16, 8.5.2, 8.6.2
			KR101607426	2	2.54, 3, 6.2.11, 6.4.4, 6.4.5, 6.4.8, 6.4.9, 6.4.11, 6.4.12, 7.2.10, 7.4.7
			TWI513277	1	2.3, 2.16, 2.17, 2.37, 2.54, 2.56, 2.57, 2.59, 3, 6.2.11, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.8, 6.4.9, 6.4.11, 6.4.12, 6.4.21, 6.4.24, 7.2.10, 7.4.3, 7.4.7, 7.4.15, 7.4.16, 8.5.2, 8.6.2
		Family members		TWI644561	
			TWI725348		

Godo Kaisha IP Bridge 1	VP9-046	Exemplary Patent/s	EP1739972 (CH)	1	1, 2, 3, 4.10.1-4.10.10, 5.9.2, 5.9.14, 5.10, 5.11.1, 5.11.2, 5.11.4, 5.11.5, 5.11.23, 5.11.25, 6.8.13, 6.10.24, 7.11.1, 7.11.3.1, 8.1, 8.2.1, 8.3.1
			EP1739972 (HU)	1	1, 2, 3, 4.10.1-4.10.10, 5.9.2, 5.9.14, 5.10, 5.11.1, 5.11.2, 5.11.4, 5.11.5, 5.11.23, 5.11.25, 6.8.13, 6.10.24, 7.11.1, 7.11.3.1, 8.1, 8.2.1, 8.3.1
			EP1739972 (LI)	1	1, 2, 3, 4.10.1-4.10.10, 5.9.2, 5.9.14, 5.10, 5.11.1, 5.11.2, 5.11.4, 5.11.5, 5.11.23, 5.11.25, 6.8.13, 6.10.24, 7.11.1, 7.11.3.1, 8.1, 8.2.1, 8.3.1
			EP1739972 (MC)	1	1, 2, 3, 4.10.1-4.10.10, 5.9.2, 5.9.14, 5.10, 5.11.1, 5.11.2, 5.11.4, 5.11.5, 5.11.23, 5.11.25, 6.8.13, 6.10.24, 7.11.1, 7.11.3.1, 8.1, 8.2.1, 8.3.1
			EP1742481 (IT)	1	2, 3, 5.1, 5.5, 5.10, 5.15, 6.4.16, 6.4.17, 8.5.2, 8.5.2.4
			US7515635	1	1, 2, 3, 4.10.1-4.10.10, 5.9.2, 5.9.14, 5.10, 5.11.1, 5.11.2, 5.11.4, 5.11.5, 5.11.23, 5.11.25, 6.8.13, 6.10.24, 7.11.1, 7.11.3.1, 8.1, 8.2.1, and 8.3.1.
			US8009733	1	1, 2.3, 2.5, 2.10, 2.17, 2.22, 2.26, 2.27, 2.42, 2.48, 2.49, 2.51, 2.52, 2.54, 2.56, 2.57, 2.59, 2.60, 2.63, 3, 4.9, 4.9.1, 4.9.2, 4.9.3, 4.9.4, 4.9.5, 5.1, 5.5, 5.10, 6.1, 6.2, 6.2.11, 6.4, 6.4.2, 6.4.3, 6.4.4, 6.4.16, 6.4.17, 6.4.21, 7.2.10, 7.4.12, 8.5, 8.5.2, 9.1, 9.2, 9.2.4, 9.3
		Family members		US8184697	
			US8204112		
			US8223841		

IDEAHUB Inc.	VP9-036	Exemplary Patent/s	KR101791163	1	1, 2, 2.3, 2.9, 2.10, 2.15-2.18, 2.22, 2.36-2.38, 2.40, 2.45, 2.51-2.53, 2.55, 2.59, 2.61, 2.62, 3, 4, 4.6, 4.9, 4.9.1, 4.9.2, 5, 5.7, 5.15, 6, 6.1, 6.2, 6.2.9, 6.2.10, 6.4, 6.4.2-6.4.6, 6.4.10, 6.4.11, 7, 7.3, 7.3.1, 7.2.9, 7.2.10, 7.4.3, 7.4.4, 7.4.8, 8.1, 8.6, 8.6.1, 9.1, 9.3, 9.3.1-9.3.4, 10, 10.2
			KR101895362	1	1, 2, 2.3, 2.9, 2.10, 2.15-2.18, 2.22, 2.36-2.38, 2.40, 2.45, 2.51-2.53, 2.55, 2.59, 2.61, 2.62, 3, 4, 4.6, 4.9, 4.9.1, 4.9.2, 5, 5.7, 5.15, 6, 6.1, 6.2, 6.2.9, 6.2.10, 6.4, 6.4.2-6.4.6, 6.4.10, 6.4.11, 7, 7.3, 7.3.1, 7.2.9, 7.2.10, 7.4.3, 7.4.4, 7.4.8, 8.1, 8.6, 8.6.1, 9.1, 9.3, 9.3.1-9.3.4, 10, 10.2
			KR101927384	1	1, 2, 2.3, 2.9, 2.10, 2.15-2.18, 2.22, 2.36-2.38, 2.40, 2.45, 2.51-2.53, 2.55, 2.59, 2.61, 2.62, 3, 4, 4.6, 4.9, 4.9.1, 4.9.2, 5, 5.7, 5.15, 6, 6.1, 6.2, 6.2.9, 6.2.10, 6.4, 6.4.2-6.4.6, 6.4.10, 6.4.11, 7, 7.3, 7.3.1, 7.2.9, 7.2.10, 7.4.3, 7.4.4, 7.4.8, 8.1, 8.6, 8.6.1, 9.1, 9.3, 9.3.1-9.3.4, 10, 10.2
			KR101927385	1	1, 2, 2.3, 2.9, 2.10, 2.15-2.18, 2.22, 2.36-2.38, 2.40, 2.45, 2.51-2.53, 2.55, 2.59, 2.61, 2.62, 3, 4, 4.6, 4.9, 4.9.1, 4.9.2, 5, 5.7, 5.15, 6, 6.1, 6.2, 6.2.9, 6.2.10, 6.4, 6.4.2-6.4.6, 6.4.10, 6.4.11, 7, 7.3, 7.3.1, 7.2.9, 7.2.10, 7.4.3, 7.4.4, 7.4.8, 8.1, 8.6, 8.6.1, 9.1, 9.3, 9.3.1-9.3.4, 10, 10.2
			KR101927386	1	1, 2, 2.3, 2.9, 2.10, 2.15-2.18, 2.22, 2.36-2.38, 2.40, 2.45, 2.51-2.53, 2.55, 2.59, 2.61, 2.62, 3, 4, 4.6, 4.9, 4.9.1, 4.9.2, 5, 5.7, 5.15, 6, 6.1, 6.2, 6.2.9, 6.2.10, 6.4, 6.4.2-6.4.6, 6.4.10, 6.4.11, 7, 7.3, 7.3.1, 7.2.9, 7.2.10, 7.4.3, 7.4.4, 7.4.8, 8.1, 8.6, 8.6.1, 9.1, 9.3, 9.3.1-9.3.4, 10, 10.2



IDEAHUB Inc.	VP9-036	Exemplary Patent/s	US9699449	1	1, 2, 2.3, 2.9, 2.10, 2.15-2.18, 2.22, 2.36-2.38, 2.40, 2.45, 2.51-2.53, 2.55, 2.59, 2.61, 2.62, 3, 4, 4.6, 4.9, 4.9.1, 4.9.2, 5, 5.7, 5.15, 6, 6.1, 6.2, 6.2.9, 6.2.10, 6.4, 6.4.2-6.4.6, 6.4.10, 6.4.11, 7, 7.3, 7.3.1, 7.2.9, 7.2.10, 7.4.3, 7.4.4, 7.4.8, 8.1, 8.6, 8.6.1, 9.1, 9.3, 9.3.1-9.3.4, 10, 10.2	
		Family members	CNZL201180039691.0			
			CNZL201610518674.X			
			EP2608540 (DE)			
			EP2608540 (ES)			
			EP2608540 (FI)			
			EP2608540 (FR)			
			EP2608540 (GB)			
			EP2608540 (IT)			
			EP2608540 (NL)			
			EP2608540 (SE)			
			JP6163176			
			KR101581742			
			KR101650464			
			KR101791164			
KR101927387						
US10212422						
US10827174						
US10939106						
US9838691						
JVCKENWOOD Corporation	VP9-052	Exemplary Patent/s	CN103621087	1	6.4.3, 6.4.15, 6.4.21, 7.2.2, 7.4.3, 7.4.5, 7.4.9, 7.4.10, 7.4.15, 8, 8.1, 8.5	
		CN105791834	1	1, 2, 6.4.2, 6.4.3, 6.4.15, 6.4.21, 7.2, 7.2.2, 7.4.3, 7.4.5, 7.4.9, 7.4.10, 7.4.15, 8.5, 8.5.1, 10.2		
		CN105812806	1	1, 2, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.15, 6.4.21, 7.2.2, 7.4.3, 7.4.4, 7.4.5, 7.4.9, 7.4.10, 7.4.15, 8.5, 8.5.1, 10.2		
		CN105812807	1	1, 2, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.15, 6.4.21, 7.2.2, 7.4.3, 7.4.4, 7.4.5, 7.4.9, 7.4.10, 7.4.15, 8.5, 8.5.1, 10.2		
		CN107071428	1	1, 2, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.15, 6.4.21, 7.2.2, 7.4.3, 7.4.4, 7.4.5, 7.4.9, 7.4.10, 7.4.15, 8.5, 8.5.1, 10.2		
		JP05614381	1	6.2.2, 6.4.3, 6.4.4, 6.4.15, 6.4.21, 6.4.23, 7.2.2, 7.4.3, 7.4.5, 7.4.10, 8.5.1, 10.2		
		JP05678818	1	5.6, 6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.15, 6.4.21, 6.4.23, 7.2.2, 7.4.3, 7.4.4, 7.4.5, 7.4.10, 8.5.1, 10.2		
		JP5679019	1	1, 2, 6.4.2, 6.4.3, 6.4.15, 6.4.21, 7.2, 7.2.2, 7.4.3, 7.4.5, 7.4.9, 7.4.10, 7.4.15, 8.5, 8.5.1, 10.2		
		JP5725107	1	6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.11, 6.4.13, 6.4.15, 6.4.21, 7.2.2, 7.4.3, 7.4.4, 7.4.5, 7.4.9, 7.4.10, 7.4.15, 8.5.1, 10.2		
		JP5725108	1	1, 2, 6.4.2, 6.4.3, 6.4.15, 6.4.21, 7.2, 7.2.2, 7.4.3, 7.4.5, 7.4.9, 7.4.10, 7.4.15, 8.5, 8.5.1, 10.2		
		JP5839094	1	1, 2, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.15, 6.4.21, 7.2.2, 7.4.3, 7.4.4, 7.4.5, 7.4.9, 7.4.10, 7.4.15, 8.5, 8.5.1, 10.2		
		JP5839143	1	6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.15, 6.4.21, 6.4.23, 7.2.2, 7.4.3, 7.4.4, 7.4.5, 7.4.10, 8.5.1, 10.2		
		JP5839144	1	1, 2, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.15, 6.4.21, 7.2.2, 7.4.3, 7.4.4, 7.4.5, 7.4.9, 7.4.10, 7.4.15, 8.5, 8.5.1, 10.2		
		KR101588143	1	6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.11, 6.4.13, 6.4.15, 6.4.21, 7.2.2, 7.4.3, 7.4.4, 7.4.5, 7.4.9, 7.4.10, 7.4.15, 8.5.1, 10.2		
		KR101668575	1	6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.11, 6.4.13, 6.4.15, 6.4.21, 7.2.2, 7.4.3, 7.4.4, 7.4.5, 7.4.9, 7.4.10, 7.4.15, 8.5.1, 10.2		
		KR101729463	1	2.19, 2.20, 6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.11, 6.4.13, 6.4.15, 6.4.21, 7.2.2, 7.4.3, 7.4.4, 7.4.5, 7.4.9, 7.4.10, 7.4.15, 8.5.1, 10.2		
		TWI552578	7	6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.11, 6.4.13, 6.4.15, 6.4.21, 7.2.2, 7.4.3, 7.4.4, 7.4.5, 7.4.9, 7.4.10, 7.4.15, 8.5.1, 10.2		
		TWI562603	1	6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.15, 6.4.21, 6.4.23, 7.2.2, 7.4.3, 7.4.4, 7.4.5, 7.4.10, 8.5.1, 10.2		
		TWI562604	1	6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.11, 6.4.13, 6.4.15, 6.4.21, 7.2.2, 7.4.3, 7.4.4, 7.4.5, 7.4.9, 7.4.10, 7.4.15, 8.5.1, 10.2		
		KAIST and KBS	VP9-092	Exemplary Patent/s	CN102369733	1
CN105959689	1			1, 2, 5.1, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.11, 6.4.21, 7.4.3, 7.4.8, 7.4.9, 7.4.15, 8.5, 8.5.1, 8.5.2		
CN105959690	1			1, 2, 5.1, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.11, 6.4.21, 7.4.3, 7.4.8, 7.4.9, 7.4.15, 8.5, 8.5.1, 8.5.2		

<b>KAIST and KBS</b>	<b>VP9-092</b>	Exemplary Patent/s	<b>CN105959691</b>	1	1, 2, 5.1, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.11, 6.4.21, 7.4.3, 7.4.8, 7.4.9, 7.4.15, 8.5, 8.5.1, 8.5.2		
			<b>CN105959692</b>	1	1, 2, 5.1, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.11, 6.4.21, 7.4.3, 7.4.8, 7.4.9, 7.4.15, 8.5, 8.5.1, 8.5.2		
			<b>CN106101705</b>	1	1, 2, 5.1, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.11, 6.4.21, 7.4.3, 7.4.8, 7.4.9, 7.4.15, 8.5, 8.5.1, 8.5.2		
			<b>JP6164600</b>	1	1, 2, 5.1, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.11, 6.4.21, 7.4.3, 7.4.8, 7.4.9, 7.4.15, 8.5, 8.5.1, 8.5.2		
			<b>JP6164660</b>	1	1, 2, 5.1, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.11, 6.4.21, 7.4.3, 7.4.8, 7.4.9, 7.4.15, 8.5, 8.5.1, 8.5.2		
			<b>JP6851263</b>	1	2, 5.7, 6.3.1, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.10, 6.4.11, 6.4.21, 7.3.1, 7.4.3, 7.4.8, 7.4.9, 7.4.15, 8, 8.1, 8.6.2, 10		
			<b>JP6851264</b>	1	2, 5.7, 6.3.1, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.10, 6.4.11, 6.4.21, 7.3.1, 7.4.3, 7.4.8, 7.4.9, 7.4.15, 8, 8.1, 8.6.2, 10		
			<b>JP6851265</b>	1	2, 5.7, 6.3.1, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.10, 6.4.11, 6.4.21, 7.3.1, 7.4.3, 7.4.8, 7.4.9, 7.4.15, 8, 8.1, 8.6.2, 10		
			<b>JP7171646</b>	3	2, 5.7, 6.3.1, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.10, 6.4.11, 6.4.21, 7.3.1, 7.4.3, 7.4.8, 7.4.9, 7.4.15, 8, 8.1, 8.6.2, 10		
			<b>KR101250608</b>	1	1, 2, 5.1, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.11, 6.4.21, 7.4.3, 7.4.8, 7.4.9, 7.4.15, 8.5, 8.5.1, 8.5.2		
			<b>KR101644967</b>	1	1, 2, 5.1, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.11, 6.4.21, 7.4.3, 7.4.8, 7.4.9, 7.4.15, 8.5, 8.5.1, 8.5.2		
			<b>KR101644970</b>	1	1, 2, 5.1, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.11, 6.4.21, 7.4.3, 7.4.8, 7.4.9, 7.4.15, 8.5, 8.5.1, 8.5.2		
			<b>KR101648123</b>	1	1, 2, 5.1, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.11, 6.4.21, 7.4.3, 7.4.8, 7.4.9, 7.4.15, 8.5, 8.5.1, 8.5.2		
			<b>KR101785431</b>	1	1, 2, 5.1, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.11, 6.4.21, 7.4.3, 7.4.8, 7.4.9, 7.4.15, 8.5, 8.5.1, 8.5.2		
			<b>KR101857583</b>	4	1, 2, 5.1, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.11, 6.4.21, 7.4.3, 7.4.8, 7.4.9, 7.4.15, 8.5, 8.5.1, 8.5.2		
			<b>KR101857591</b>	4	1, 2, 5.1, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.11, 6.4.21, 7.4.3, 7.4.8, 7.4.9, 7.4.15, 8.5, 8.5.1, 8.5.2		
			<b>KR101857598</b>	4	1, 2, 5.1, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.11, 6.4.21, 7.4.3, 7.4.8, 7.4.9, 7.4.15, 8.5, 8.5.1, 8.5.2		
			<b>KR102062894</b>	1	1, 2, 5.1, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.11, 6.4.21, 7.4.3, 7.4.8, 7.4.9, 7.4.15, 8.5, 8.5.1, 8.5.2		
			<b>US10462494</b>	1	1, 2, 5.1, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.11, 6.4.21, 7.4.3, 7.4.8, 7.4.9, 7.4.15, 8.5, 8.5.1, 8.5.2		
			<b>US11076175</b>	1	1, 2, 5.1, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.11, 6.4.21, 7.4.3, 7.4.8, 7.4.9, 7.4.15, 8.5, 8.5.1, 8.5.2		
			<b>US11659210</b>	1	2, 5.7, 6.3.1, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.10, 6.4.11, 6.4.21, 7.3.1, 7.4.3, 7.4.8, 7.4.9, 7.4.15, 8, 8.1, 8.6.2, 10		
			<b>US9485512</b>	1	1, 2, 5.1, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.11, 6.4.21, 7.4.3, 7.4.8, 7.4.9, 7.4.15, 8.5, 8.5.1, 8.5.2		
			<b>US9838719</b>	1	1, 2, 5.1, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.11, 6.4.21, 7.4.3, 7.4.8, 7.4.9, 7.4.15, 8.5, 8.5.1, 8.5.2		
			<b>US9838721</b>	1	1, 2, 5.1, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.11, 6.4.21, 7.4.3, 7.4.8, 7.4.9, 7.4.15, 8.5, 8.5.1, 8.5.2		
			<b>US9838722</b>	1	1, 2, 5.1, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.11, 6.4.21, 7.4.3, 7.4.8, 7.4.9, 7.4.15, 8.5, 8.5.1, 8.5.2		
			<b>US9888259</b>	1	1, 2, 5.1, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.11, 6.4.21, 7.4.3, 7.4.8, 7.4.9, 7.4.15, 8.5, 8.5.1, 8.5.2		
			Family members		<b>JP6846988</b>		
			<b>Koninklijke Philips N.V.</b>	<b>VP9-081</b>	Exemplary Patent/s	<b>US8774540</b>	1
<b>Nippon Telegraph and Telephone Corporation</b>	<b>VP9-054</b>	Exemplary Patent/s	<b>CN1922888</b>	10	2, 4, 6.4.16, 6.4.18, 6.4.19, 6.5, 6.5.1, 6.5.6, 6.5.8, 6.5.10, 6.5.12, 7.4.11, 8.5.2, 8.5.2.4		
			<b>EP1781042 (DE)</b>	10	2, 4, 6.4.16, 6.4.18, 6.4.19, 6.5, 6.5.1, 6.5.6, 6.5.8, 6.5.10, 6.5.12, 7.4.11, 8.5.2, 8.5.2.4		
			<b>EP1781042 (FR)</b>	10	2, 4, 6.4.16, 6.4.18, 6.4.19, 6.5, 6.5.1, 6.5.6, 6.5.8, 6.5.10, 6.5.12, 7.4.11, 8.5.2, 8.5.2.4		
			<b>EP1781042 (GB)</b>	10	2, 4, 6.4.16, 6.4.18, 6.4.19, 6.5, 6.5.1, 6.5.6, 6.5.8, 6.5.10, 6.5.12, 7.4.11, 8.5.2, 8.5.2.4		
			<b>KR10941495</b>	10	2, 4, 6.4.16, 6.4.18, 6.4.19, 6.5, 6.5.1, 6.5.6, 6.5.8, 6.5.10, 6.5.12, 7.4.11, 8.5.2, 8.5.2.4		
			<b>TWI268715</b>	10	2, 4, 6.4.16, 6.4.18, 6.4.19, 6.5, 6.5.1, 6.5.6, 6.5.8, 6.5.10, 6.5.12, 7.4.11, 8.5.2, 8.5.2.4		
			Family members		<b>JP05052134</b>		
			<b>US9402087</b>				

NTT Docomo, Inc.	VP9-102	Exemplary Patent/s	US9031125	1	1, 2.3, 2.5, 2.12, 2.16, 2.17, 2.22, 2.26, 2.27, 2.39-2.42, 2.51, 2.52, 2.54, 2.56, 2.57, 2.59, 2.60, 3, 4.9, 4.9.1-4.9.5, 5.6, 5.13-5.15, 6.1, 6.2, 6.2.11, 6.3, 6.3.12, 6.4, 6.4.2-6.4.5, 6.4.11, 6.4.13, 6.4.16-6.4.21, 6.4.24, 6.4.26, 6.5.1, 6.5.12, 7.2, 7.2.10, 7.3.6, 7.4.1, 7.4.3, 7.4.9, 7.4.11, 7.4.12, 7.4.15-7.4.17, 8.1, 8.5, 8.5.2, 8.5.2.1, 8.5.2.4, 8.6, 8.6.1, 8.6.2, 8.10
	VP9-104	Exemplary Patent/s	CN103004206	10	1, 2.3, 2.5, 2.10, 2.15-2.17, 2.22, 2.26, 2.27, 2.37-2.39, 2.41-2.43, 2.52, 2.53, 2.56, 2.57, 2.59, 2.60, 4.9, 6.1, 6.2, 6.2.13, 6.4, 6.4.2-6.4.5, 6.4.11, 6.4.13, 6.4.16, 6.4.17-6.4.19, 6.4.21, 6.4.24, 6.4.26, 6.5, 6.5.1, 6.5.6-6.5.8, 6.5.10-6.5.12, 7.1, 7.2.11, 7.4.1, 7.4.3, 7.4.4, 7.4.9, 7.4.11, 7.4.13, 7.4.15-7.4.17, 8.1, 8.5, 8.5.2, 8.6, 8.6.1, 8.6.2, 8.7.2, 10.2
			KR101770662	1	1, 2.3, 2.5, 2.10, 2.15-2.17, 2.22, 2.26, 2.27, 2.37-2.39, 2.41-2.43, 2.52, 2.53, 2.56, 2.57, 2.59, 2.60, 4.9, 6.1, 6.2, 6.2.13, 6.4, 6.4.2-6.4.5, 6.4.11, 6.4.13, 6.4.16, 6.4.17-6.4.19, 6.4.21, 6.4.24, 6.4.26, 6.5, 6.5.1, 6.5.6-6.5.8, 6.5.10-6.5.12, 7.1, 7.2.11, 7.4.1, 7.4.3, 7.4.4, 7.4.9, 7.4.11, 7.4.13, 7.4.15-7.4.17, 8.1, 8.5, 8.5.2, 8.6, 8.6.1, 8.6.2, 8.7.2, 10.2
			US9185409	11	1, 2.3, 2.5, 2.10, 2.15-2.17, 2.22, 2.26, 2.27, 2.37-2.39, 2.41-2.43, 2.52, 2.53, 2.56, 2.57, 2.59, 2.60, 4.9, 6.1, 6.2, 6.2.13, 6.4, 6.4.2-6.4.5, 6.4.11, 6.4.13, 6.4.16, 6.4.17-6.4.19, 6.4.21, 6.4.24, 6.4.26, 6.5, 6.5.1, 6.5.6-6.5.8, 6.5.10-6.5.12, 7.1, 7.2.11, 7.4.1, 7.4.3, 7.4.4, 7.4.9, 7.4.11, 7.4.13, 7.4.15-7.4.17, 8.1, 8.5, 8.5.2, 8.6, 8.6.1, 8.6.2, 8.7.2, 10.2
Orange S.A.	VP9-055	Exemplary Patent/s	CN102804768	9	1,2,2.5,5.1,5.4, 5.5, 5.13, 6, 6.4.16, 6.4.19, 6.4.20, 6.4.21, 6.5, 6.5.1, 6.5.2, 6.5.6, 7, 7.4.4, 7.4.11, 7.4.13, 7.4.14, 7.4.15, 8.5, 8.5.2, 8.5.2.1
			EP2443835 (CY)	9	2.5, 5.1, 5.13, 5.4, 5.5, 6.4.16, 6.5.6, 7.4.11
			EP2443835 (DE)	9	2.5, 5.1, 5.13, 5.4, 5.5, 6.4.16, 6.5.6, 7.4.11
			EP2443835 (ES)	9	2.5, 5.1, 5.13, 5.4, 5.5, 6.4.16, 6.5.6, 7.4.11
			EP2443835 (FR)	9	2.5, 5.1, 5.13, 5.4, 5.5, 6.4.16, 6.5.6, 7.4.11
			EP2443835 (GB)	9	2.5, 5.1, 5.13, 5.4, 5.5, 6.4.16, 6.5.6, 7.4.11
			EP2443835 (HU)	9	2.5, 5.1, 5.13, 5.4, 5.5, 6.4.16, 6.5.6, 7.4.11
			EP2443835 (IT)	9	2.5, 5.1, 5.13, 5.4, 5.5, 6.4.16, 6.5.6, 7.4.11
			EP2443835 (MK)	9	2.5, 5.1, 5.13, 5.4, 5.5, 6.4.16, 6.5.6, 7.4.11
			EP2443835 (PT)	9	2.5, 5.1, 5.13, 5.4, 5.5, 6.4.16, 6.5.6, 7.4.11
			EP2443835 (TR)	9	2.5, 5.1, 5.13, 5.4, 5.5, 6.4.16, 6.5.6, 7.4.11
			IN416037	9	1,2,2.5,5.1,5.4, 5.5, 5.13, 6, 6.4.16, 6.4.19, 6.4.20, 6.4.21, 6.5, 6.5.1, 6.5.2, 6.5.6, 7, 7.4.4, 7.4.11, 7.4.13, 7.4.14, 7.4.15, 8.5, 8.5.2, 8.5.2.1
			RU2553062	10	1,2,2.5,5.1,5.4, 5.5, 5.13, 6, 6.4.16, 6.4.19, 6.4.20, 6.4.21, 6.5, 6.5.1, 6.5.2, 6.5.6, 7, 7.4.4, 7.4.11, 7.4.13, 7.4.14, 7.4.15, 8.5, 8.5.2, 8.5.2.1
	US8891628	10	1,2,2.5,5.1,5.4, 5.5, 5.13, 6, 6.4.16, 6.4.19, 6.4.20, 6.4.21, 6.5, 6.5.1, 6.5.2, 6.5.6, 7, 7.4.4, 7.4.11, 7.4.13, 7.4.14, 7.4.15, 8.5, 8.5.2, 8.5.2.1		
	ZA201109188	12	1,2,2.5,5.1,5.4, 5.5, 5.13, 6, 6.4.16, 6.4.19, 6.4.20, 6.4.21, 6.5, 6.5.1, 6.5.2, 6.5.6, 7, 7.4.4, 7.4.11, 7.4.13, 7.4.14, 7.4.15, 8.5, 8.5.2, 8.5.2.1		
VP9-056	Exemplary Patent/s	CN102498718	1	3, 5.6, 5.13, 6.5.1, 6.5.10, 6.5.11	
		US10051283	1	2.3, 2.5, 2.22, 2.27, 2.39, 2.49, 2.52, 2.56, 2.57, 2.59, 2.61, 2.62, 3, 5.4, 5.5, 5.6, 5.13, 6.4.3, 6.4.4, 6.4.16, 6.4.17, 6.4.18, 6.4.19, 6.5, 6.5.1, 6.5.2, 6.5.6, 6.5.7, 6.5.8, 6.5.10, 6.5.11, 6.5.12, 7.4.3, 7.4.4, 7.4.13	
VP9-099	Exemplary Patent/s	CN101790848	7	2, 2.3, 2.5, 2.57, 5.1, 5.6, 6.3.1, 6.4.10, 7.3, 7.3.1, 7.4.8, 8, 8.1, 8.6.2	
		IN302732	8	2, 2.3, 2.5, 2.57, 5.1, 5.6, 6.3.1, 6.4.10, 7.3, 7.3.1, 7.4.8, 8, 8.1, 8.6.2	
		JP5613561	8	2, 2.3, 2.5, 2.57, 5.1, 5.6, 6.3.1, 6.4.10, 7.3, 7.3.1, 7.4.8, 8, 8.1, 8.6.2	
VP9-100	Exemplary Patent/s	CN101375609	8	2, 5.65.13, 6.4.16, 6.4.18, 6.4.19, 6.5.1, 6.5.6, 7.2.10, 7.4.1, 7.4.11, 7.4.13, 7.4.14, 8.1, 8.5, 8.5.1, 8.5.2, 8.5.2.3	

Orange S.A.	VP9-100	Exemplary Patent/s	IN272289	9	1, 2.3, 2.5, 2.10, 2.15-2.17, 2.22, 2.25-2.31, 2.39, 2.41-2.43, 2.51-2.53, 2.55-2.60, 5.5, 5.6, 5.13, 5.14, 6.1, 6.2, 6.2.11, 6.2.13, 6.4, 6.4.2-6.4.6, 6.4.8, 6.4.11, 6.4.13, 6.4.15-6.4.21, 6.4.24, 6.4.26, 6.5, 6.5.1, 7.2.10, 7.4.4, 7.4.5, 7.4.10-7.4.14, 8.1, 8.5, 8.5.1, 8.5.2, 8.5.2.2-8.5.2.4, 8.6, 8.6.2
			JP5280860	9	1, 2.3, 2.5, 2.10, 2.15-2.17, 2.22, 2.25-2.31, 2.39, 2.41-2.43, 2.51-2.53, 2.55-2.60, 5.5, 5.6, 5.13, 5.14, 6.1, 6.2, 6.2.11, 6.2.13, 6.4, 6.4.2-6.4.6, 6.4.8, 6.4.11, 6.4.13, 6.4.15-6.4.21, 6.4.24, 6.4.26, 6.5, 6.5.1, 7.2.10, 7.4.4, 7.4.5, 7.4.10-7.4.14, 8.1, 8.5, 8.5.1, 8.5.2, 8.5.2.2-8.5.2.4, 8.6, 8.6.2
			KR101359736	9	2, 5.65.13, 6.4.16, 6.4.18, 6.4.19, 6.5.1, 6.5.6, 7.2.10, 7.4.1, 7.4.11, 7.4.13, 7.4.14, 8.1, 8.5, 8.5.1, 8.5.2, 8.5.2.3
			US8611413	8	1, 2.3, 2.5, 2.10, 2.15-2.17, 2.22, 2.25-2.31, 2.39, 2.41-2.43, 2.51-2.53, 2.55-2.60, 5.5, 5.6, 5.13, 5.14, 6.1, 6.2, 6.2.11, 6.2.13, 6.4, 6.4.2-6.4.6, 6.4.8, 6.4.11, 6.4.13, 6.4.15-6.4.21, 6.4.24, 6.4.26, 6.5, 6.5.1, 7.2.10, 7.4.4, 7.4.5, 7.4.10-7.4.14, 8.1, 8.5, 8.5.1, 8.5.2, 8.5.2.2-8.5.2.4, 8.6, 8.6.2
	VP9-106	Exemplary Patent/s	US9100038	8	1, 2.3, 2.5, 2.10, 2.15-2.17, 2.22, 2.52, 2.53, 2.55-2.60, 5.6, 5.14, 6.1, 6.2, 6.2.11, 6.2.13, 6.3, 6.3.1, 6.4, 6.4.2-6.4.6, 6.4.10, 6.4.11, 6.4.21, 6.5.4.24, 6.4.25, 7.3, 7.3.1, 7.4.8, 7.4.15, 8.1, 8.6, 8.6.2, 8.7, 8.7.2
Sejong University	VP9-103	Exemplary Patent/s	KR101440731	11	.3, 2.15, 2.16, 2.17, 2.47, 2.57, 2.60, 4.9.1, 5.14, 6.1, 6.2, 6.2.13, 6.4, 6.4.1, 6.4.2, 7.2.11, 8, 8.1
			VP9-112	Exemplary Patent/s	KR101549016
	KR101549017	5	2.3, 2.15, 2.16, 2.17, 2.57, 2.60, 4.9.1, 5.14, 6.1, 6.2, 6.2.13, 6.4, 7.2.11, 8, 8.1		
	KR101549018	5	2.3, 2.15, 2.16, 2.17, 2.57, 2.60, 4.9.1, 5.14, 6.1, 6.2, 6.2.13, 6.4, 7.2.11, 8, 8.1		
	KR101614402	5	2.3, 2.15, 2.16, 2.17, 2.57, 2.60, 4.9.1, 5.14, 6.1, 6.2, 6.2.13, 6.4, 7.2.11, 8, 8.1		
SK Planet Co., Ltd	VP9-101	Exemplary Patent/s	US10334271	4	2.5, 2.16, 2.17, 2.39, 4, 4.7, 4.8, 5.6, 5.14, 6.1, 6.4, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.19, 6.4.20, 6.4.21, 6.4.24, 6.4.26, 6.5, 6.5.1, 6.5.6, 6.5.7, 6.5.8, 6.5.10, 6.5.11, 6.5.12, 6.5.14, 7.4.3, 7.4.4, 7.4.11, 7.4.13, 7.4.15, 8.5.2, 8.5.2.1, 8.5.2.2, 8.5.2.3, 8.5.2.4, 8.6.2
			US10341679	4	2.5, 2.16, 2.17, 2.39, 4, 4.7, 4.8, 5.6, 5.14, 6.1, 6.4, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.19, 6.4.20, 6.4.21, 6.4.24, 6.4.26, 6.5, 6.5.1, 6.5.6, 6.5.7, 6.5.8, 6.5.10, 6.5.11, 6.5.12, 6.5.14, 7.4.3, 7.4.4, 7.4.11, 7.4.13, 7.4.15, 8.5.2, 8.5.2.1, 8.5.2.2, 8.5.2.3, 8.5.2.4, 8.6.3
SK Telecom Co., Ltd.	VP9-060	Exemplary Patent/s	KR101487436	26	1, 2.3, 2.5, 2.16, 2.17, 2.31, 4, 4.9, 6.4.4, 6.4.5, 6.4.6, 6.4.10, 6.4.21, 6.4.24, 7.4.4, 7.4.5, 7.4.8, 7.4.15, 8.5, 8.5.1, 8.6, 8.6.1, 8.6.2, 8.7.2
			US10298954	1	1, 2.3, 2.5, 2.16, 2.17, 2.31, 4, 4.9, 6.4.4, 6.4.5, 6.4.6, 6.4.10, 6.4.21, 6.4.24, 7.4.4, 7.4.5, 7.4.8, 7.4.15, 8.5, 8.5.1, 8.6, 8.6.1, 8.6.2, 8.7.2
			US9654798	1	1, 2.3, 2.5, 2.16, 2.17, 2.31, 4, 4.9, 6.4.4, 6.4.5, 6.4.6, 6.4.10, 6.4.21, 6.4.24, 7.4.4, 7.4.5, 7.4.8, 7.4.15, 8.5, 8.5.1, 8.6, 8.6.1, 8.6.2, 8.7.2
	VP9-061	Exemplary Patent/s	KR101464944	1	1, 2.3, 2.5, 2.16, 2.17, 2.22, 2.31, 2.37, 2.48, 2.51, 2.52, 2.53, 2.56, 2.59, 2.61, 2.62, 5.4, 5.7, 6.4.4, 6.4.5, 6.4.6, 6.4.10, 6.4.21, 7.4.4, 7.4.5, 7.4.8, 7.4.15, 8.5, 8.5.1, 8.6, 8.6.2, 8.7.2
			KR101464949	1	1, 2.3, 2.5, 2.16, 2.17, 2.22, 2.31, 2.37, 2.48, 2.51, 2.52, 2.53, 2.56, 2.59, 2.61, 2.62, 5.4, 5.7, 6.4.4, 6.4.5, 6.4.6, 6.4.10, 6.4.21, 7.4.4, 7.4.5, 7.4.8, 7.4.15, 8.5, 8.5.1, 8.6, 8.6.2, 8.7.2
			KR101483495	1	1, 2.3, 2.5, 2.16, 2.17, 2.22, 2.31, 2.37, 2.48, 2.51, 2.52, 2.53, 2.56, 2.59, 2.61, 2.62, 5.4, 5.7, 6.4.4, 6.4.5, 6.4.6, 6.4.10, 6.4.21, 7.4.4, 7.4.5, 7.4.8, 7.4.15, 8.5, 8.5.1, 8.6, 8.6.2, 8.7.2
			KR101534014	1	1, 2.3, 2.5, 2.16, 2.17, 2.22, 2.31, 2.37, 2.48, 2.51, 2.52, 2.53, 2.56, 2.59, 2.61, 2.62, 5.4, 5.7, 6.4.4, 6.4.5, 6.4.6, 6.4.10, 6.4.21, 7.4.4, 7.4.5, 7.4.8, 7.4.15, 8.5, 8.5.1, 8.6, 8.6.2, 8.7.2

SK Telecom Co., Ltd.	VP9-061	Exemplary Patent/s	KR101537767	1	2.31, 2.61, 6.4.4, 6.4.5, 6.4.6, 6.4.10, 6.4.21, 7.4.5, 7.4.8, 7.4.15, 8.5.1, 8.6.2
			US9674551	1, 5	1, 2.3, 2.5, 2.16, 2.17, 2.22, 2.31, 2.37, 2.48, 2.51, 2.52, 2.53, 2.56, 2.59, 2.61, 2.62, 5.4, 5.7, 6.4.4, 6.4.5, 6.4.6, 6.4.10, 6.4.21, 7.4.4, 7.4.5, 7.4.8, 7.4.15, 8.5, 8.5.1, 8.6, 8.6.2, 8.7.2
			US9838696	1	1, 2.3, 2.5, 2.16, 2.17, 2.22, 2.31, 2.37, 2.48, 2.51, 2.52, 2.53, 2.56, 2.59, 2.61, 2.62, 5.4, 5.7, 6.4.4, 6.4.5, 6.4.6, 6.4.10, 6.4.21, 7.4.4, 7.4.5, 7.4.8, 7.4.15, 8.5, 8.5.1, 8.6, 8.6.2, 8.7.2
			US9854250	1	1, 2.3, 2.5, 2.16, 2.17, 2.22, 2.31, 2.37, 2.48, 2.51, 2.52, 2.53, 2.56, 2.59, 2.61, 2.62, 5.4, 5.7, 6.4.4, 6.4.5, 6.4.6, 6.4.10, 6.4.21, 7.4.4, 7.4.5, 7.4.8, 7.4.15, 8.5, 8.5.1, 8.6, 8.6.2, 8.7.2
	VP9-062	Exemplary Patent/s	KR101458471	1	2.17, 2.31, 6, 6.4, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.10, 6.4.21, 6.4.24, 6.4.26, 7.4.4, 7.4.5, 7.4.8, 7.4.15, 7.4.16, 7.4.17, 8.5, 8.5.1, 8.6, 8.6.2, 8.7, 8.7.2
			KR101608885	1	2.17, 2.31, 2.61, 6.4.4, 6.4.5, 6.4.6, 6.4.10, 6.4.21, 6.4.24, 6.4.26, 7.4.5, 7.4.8, 7.4.15, 8.5.1, 8.6.2
			KR101608888	1	2.17, 2.31, 2.61, 6.4.4, 6.4.5, 6.4.6, 6.4.10, 6.4.21, 6.4.24, 6.4.26, 7.4.5, 7.4.8, 7.4.15, 8.5.1, 8.6.2
			KR101608895	1	2.17, 2.31, 2.61, 6.4.4, 6.4.5, 6.4.6, 6.4.10, 6.4.21, 6.4.24, 6.4.26, 7.4.5, 7.4.8, 7.4.15, 8.5.1, 8.6.2
			KR101648910	1	2.17, 2.31, 2.61, 6.4.4, 6.4.5, 6.4.6, 6.4.10, 6.4.21, 6.4.24, 6.4.26, 7.4.5, 7.4.8, 7.4.15, 8.5.1, 8.6.2
			US8818114	1	2.17, 2.31, 6, 6.4, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.10, 6.4.21, 6.4.24, 6.4.26, 7.4.4, 7.4.5, 7.4.8, 7.4.15, 7.4.16, 7.4.17, 8.5, 8.5.1, 8.6, 8.6.2, 8.7, 8.7.2
			US9148660	1	2.17, 2.31, 2.61, 6.4.4, 6.4.5, 6.4.6, 6.4.10, 6.4.21, 6.4.24, 6.4.26, 7.4.5, 7.4.8, 7.4.15, 8.5.1, 8.6.2
			US9491467	1	2.17, 2.31, 2.61, 6.4.4, 6.4.5, 6.4.6, 6.4.10, 6.4.21, 6.4.24, 6.4.26, 7.4.5, 7.4.8, 7.4.15, 8.5.1, 8.6.2
	VP9-063	Exemplary Patent/s	KR101364195	1	1, 2.3, 2.5, 2.16, 2.17, 2.22, 2.27, 2.39, 2.52, 4.7, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.19, 6.4.20, 6.5.1, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.4, 7.4.11, 7.4.13, 7.4.14, 8, 8.1, 8.10
KR101544390			1	1, 2.3, 2.5, 2.16, 2.17, 2.22, 2.27, 2.39, 2.52, 4.7, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.19, 6.4.20, 6.5.1, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.4, 7.4.11, 7.4.13, 7.4.14, 8, 8.1, 8.10	
KR101567963			1	1, 2.3, 2.5, 2.16, 2.17, 2.22, 2.27, 2.39, 2.52, 4.7, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.19, 6.4.20, 6.5.1, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.4, 7.4.11, 7.4.13, 7.4.14, 8, 8.1, 8.10	
KR101567964			1	1, 2.3, 2.5, 2.16, 2.17, 2.22, 2.27, 2.39, 2.52, 4.7, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.19, 6.4.20, 6.5.1, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.4, 7.4.11, 7.4.13, 7.4.14, 8, 8.1, 8.10	
KR101567990			1	1, 2.3, 2.5, 2.16, 2.17, 2.22, 2.27, 2.39, 2.52, 4.7, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.19, 6.4.20, 6.5.1, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.4, 7.4.11, 7.4.13, 7.4.14, 8, 8.1, 8.10	
US9369714			1	1, 2.3, 2.5, 2.16, 2.17, 2.22, 2.27, 2.39, 2.52, 4.7, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.19, 6.4.20, 6.5.1, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.4, 7.4.11, 7.4.13, 7.4.14, 8, 8.1, 8.10	
US9992510			6	1, 2.3, 2.5, 2.16, 2.17, 2.22, 2.27, 2.39, 2.52, 4.7, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.19, 6.4.20, 6.5.1, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.4, 7.4.11, 7.4.13, 7.4.14, 8, 8.1, 8.10	
VP9-064	Exemplary Patent/s	KR101377527	1	1, 2.3, 2.5, 2.12, 2.16, 2.17, 2.22, 2.27, 2.39, 2.49, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.17, 6.4.18, 6.4.19, 6.5, 6.5.1, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.4, 7.4.11, 7.4.12, 8, 8.1, 8.5.2, 8.5.2.1, 8.5.2.4	

SK Telecom Co., Ltd.	VP9-064	Exemplary Patent/s	KR101575605	1	1, 2.3, 2.5, 2.12, 2.16, 2.17, 2.22, 2.27, 2.39, 2.49, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.17, 6.4.18, 6.4.19, 6.5, 6.5.1, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.4, 7.4.11, 7.4.12, 8, 8.1, 8.5.2, 8.5.2.1, 8.5.2.4
			KR101575616	1	1, 2.3, 2.5, 2.12, 2.16, 2.17, 2.22, 2.27, 2.39, 2.49, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.17, 6.4.18, 6.4.19, 6.5, 6.5.1, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.4, 7.4.11, 7.4.12, 8, 8.1, 8.5.2, 8.5.2.1, 8.5.2.4
			KR101575635	1	1, 2.3, 2.5, 2.12, 2.16, 2.17, 2.22, 2.27, 2.39, 2.49, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.17, 6.4.18, 6.4.19, 6.5, 6.5.1, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.4, 7.4.11, 7.4.12, 8, 8.1, 8.5.2, 8.5.2.1, 8.5.2.4
			KR101575645	1	1, 2.3, 2.5, 2.12, 2.16, 2.17, 2.22, 2.27, 2.39, 2.49, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.17, 6.4.18, 6.4.19, 6.5, 6.5.1, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.4, 7.4.11, 7.4.12, 8, 8.1, 8.5.2, 8.5.2.1, 8.5.2.4
			US9137546	1	1, 2.3, 2.5, 2.12, 2.16, 2.17, 2.22, 2.27, 2.39, 2.49, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.17, 6.4.18, 6.4.19, 6.5, 6.5.1, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.4, 7.4.11, 7.4.12, 8, 8.1, 8.5.2, 8.5.2.1, 8.5.2.4
			Family members	US9628815	
	VP9-065	Exemplary Patent/s	CN102362498	1	1, 2.3, 2.5, 2.16, 2.17, 2.22, 2.27, 2.39, 2.46, 2.52, 4.7, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.19, 6.4.20, 6.4.21, 6.4.24, 6.5.1, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.11, 7.4.13, 7.4.14, 7.4.15, 7.4.16, 8, 8.1, 8.5.2, 8.5.2.1, 8.5.2.2, 8.5.2.3, 8.5.2.4, 8.6.2, 8.7.2
			CN104935939	1	1, 2.3, 2.5, 2.16, 2.17, 2.22, 2.27, 2.39, 2.46, 2.52, 4.7, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.19, 6.4.20, 6.4.21, 6.4.24, 6.5.1, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.11, 7.4.13, 7.4.14, 7.4.15, 7.4.16, 8, 8.1, 8.5.2, 8.5.2.1, 8.5.2.2, 8.5.2.3, 8.5.2.4, 8.6.2, 8.7.2
			CN105072448	1	1, 2.3, 2.5, 2.16, 2.17, 2.22, 2.27, 2.39, 2.46, 2.52, 4.7, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.19, 6.4.20, 6.4.21, 6.4.24, 6.5.1, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.11, 7.4.13, 7.4.14, 7.4.15, 7.4.16, 8, 8.1, 8.5.2, 8.5.2.1, 8.5.2.2, 8.5.2.3, 8.5.2.4, 8.6.2, 8.7.2
			CN105072449	1	1, 2.3, 2.5, 2.16, 2.17, 2.22, 2.27, 2.39, 2.46, 2.52, 4.7, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.19, 6.4.20, 6.4.21, 6.4.24, 6.5.1, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.11, 7.4.13, 7.4.14, 7.4.15, 7.4.16, 8, 8.1, 8.5.2, 8.5.2.1, 8.5.2.2, 8.5.2.3, 8.5.2.4, 8.6.2, 8.7.2
			KR101582493	2	1, 2.3, 2.5, 2.16, 2.17, 2.22, 2.27, 2.39, 2.46, 2.52, 4.7, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.19, 6.4.20, 6.4.21, 6.4.24, 6.5.1, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.11, 7.4.13, 7.4.14, 7.4.15, 7.4.16, 8, 8.1, 8.5.2, 8.5.2.1, 8.5.2.2, 8.5.2.3, 8.5.2.4, 8.6.2, 8.7.2
KR101582495			2	1, 2.3, 2.5, 2.16, 2.17, 2.22, 2.27, 2.39, 2.46, 2.52, 4.7, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.19, 6.4.20, 6.4.21, 6.4.24, 6.5.1, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.11, 7.4.13, 7.4.14, 7.4.15, 7.4.16, 8, 8.1, 8.5.2, 8.5.2.1, 8.5.2.2, 8.5.2.3, 8.5.2.4, 8.6.2, 8.7.2	
KR101590511			2	1, 2.3, 2.5, 2.16, 2.17, 2.22, 2.27, 2.39, 2.46, 2.52, 4.7, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.19, 6.4.20, 6.4.21, 6.4.24, 6.5.1, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.11, 7.4.13, 7.4.14, 7.4.15, 7.4.16, 8, 8.1, 8.5.2, 8.5.2.1, 8.5.2.2, 8.5.2.3, 8.5.2.4, 8.6.2, 8.7.2	
US9070179			1	1, 2.3, 2.5, 2.16, 2.17, 2.22, 2.27, 2.39, 2.46, 2.52, 4.7, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.19, 6.4.20, 6.4.21, 6.4.24, 6.5.1, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.11, 7.4.13, 7.4.14, 7.4.15, 7.4.16, 8, 8.1, 8.5.2, 8.5.2.1, 8.5.2.2, 8.5.2.3, 8.5.2.4, 8.6.2, 8.7.2	
US9363531			1	1, 2.3, 2.5, 2.16, 2.17, 2.22, 2.27, 2.39, 2.46, 2.52, 4.7, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.19, 6.4.20, 6.4.21, 6.4.24, 6.5.1, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.11, 7.4.13, 7.4.14, 7.4.15, 7.4.16, 8, 8.1, 8.5.2, 8.5.2.1, 8.5.2.2, 8.5.2.3, 8.5.2.4, 8.6.2, 8.7.2	
US9420304			1	1, 2.3, 2.5, 2.16, 2.17, 2.22, 2.27, 2.39, 2.46, 2.52, 4.7, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.19, 6.4.20, 6.4.21, 6.4.24, 6.5.1, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.11, 7.4.13, 7.4.14, 7.4.15, 7.4.16, 8, 8.1, 8.5.2, 8.5.2.1, 8.5.2.2, 8.5.2.3, 8.5.2.4, 8.6.2, 8.7.2	

SK Telecom Co., Ltd.	VP9-065	Exemplary Patent/s	US9445118	1	1, 2.3, 2.5, 2.16, 2.17, 2.22, 2.27, 2.39, 2.46, 2.52, 4.7, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.19, 6.4.20, 6.4.21, 6.4.24, 6.5.1, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.11, 7.4.13, 7.4.14, 7.4.15, 7.4.16, 8, 8.1, 8.5.2, 8.5.2.1, 8.5.2.2, 8.5.2.3, 8.5.2.4, 8.6.2, 8.7.2
	VP9-066	Exemplary Patent/s	KR101479129	1	1, 2.3, 2.5, 2.10, 2.16, 2.17, 2.22, 2.60, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.11, 6.4.13, 6.4.21, 6.4.24, 7.4.3, 7.4.9, 8, 8.1, 8.5, 8.5.1, 8.5.2, 8.6.2, 10.2
			US9549190	1	1, 2.3, 2.5, 2.10, 2.16, 2.17, 2.22, 2.60, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.11, 6.4.13, 6.4.21, 6.4.24, 7.4.3, 7.4.9, 8, 8.1, 8.5, 8.5.1, 8.5.2, 8.6.2, 10.2
			US9565444	1	1, 2.3, 2.5, 2.10, 2.16, 2.17, 2.22, 2.60, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.11, 6.4.13, 6.4.21, 6.4.24, 7.4.3, 7.4.9, 8, 8.1, 8.5, 8.5.1, 8.5.2, 8.6.2, 10.2
			US9609334	1	1, 2.3, 2.5, 2.10, 2.16, 2.17, 2.22, 2.60, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.11, 6.4.13, 6.4.21, 6.4.24, 7.4.3, 7.4.9, 8, 8.1, 8.5, 8.5.1, 8.5.2, 8.6.2, 10.2
			US9609335	1	1, 2.3, 2.5, 2.10, 2.16, 2.17, 2.22, 2.60, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.11, 6.4.13, 6.4.21, 6.4.24, 7.4.3, 7.4.9, 8, 8.1, 8.5, 8.5.1, 8.5.2, 8.6.2, 10.2
	VP9-067	Exemplary Patent/s	CN102986219	1	2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.10, 6.4.11, 6.4.15, 6.4.16, 6.4.18, 6.4.19, 6.4.21, 6.4.24, 7.4.3, 7.4.8, 7.4.10, 7.4.11, 7.4.13, 8.5.2, 8.6.2, 8.8, 8.8.2
			CN105163131	1	1, 2, 5.4, 6.4.3, 6.4.10, 6.4.15, 6.4.16, 6.4.18, 6.4.19, 6.4.24, 7.4.3, 7.4.8, 7.4.10, 7.4.11, 7.4.13, 7.4.16, 8.5.2, 8.6, 8.6.2, 8.8, 8.8.2, 8.8.5, 10.2
			EP2571269 (BE)	1	1, 2, 5.4, 6.4.3, 6.4.10, 6.4.15, 6.4.16, 6.4.18, 6.4.19, 6.4.24, 7.4.3, 7.4.8, 7.4.10, 7.4.11, 7.4.13, 7.4.16, 8.5.2, 8.6, 8.6.2, 8.8, 8.8.2, 8.8.5, 10.2
			EP2571269 (CZ)	1	1, 2, 5.4, 6.4.3, 6.4.10, 6.4.15, 6.4.16, 6.4.18, 6.4.19, 6.4.24, 7.4.3, 7.4.8, 7.4.10, 7.4.11, 7.4.13, 7.4.16, 8.5.2, 8.6, 8.6.2, 8.8, 8.8.2, 8.8.5, 10.2
			EP2571269 (DE)	1	1, 2, 5.4, 6.4.3, 6.4.10, 6.4.15, 6.4.16, 6.4.18, 6.4.19, 6.4.24, 7.4.3, 7.4.8, 7.4.10, 7.4.11, 7.4.13, 7.4.16, 8.5.2, 8.6, 8.6.2, 8.8, 8.8.2, 8.8.5, 10.2
			EP2571269 (ES)	1	1, 2, 5.4, 6.4.3, 6.4.10, 6.4.15, 6.4.16, 6.4.18, 6.4.19, 6.4.24, 7.4.3, 7.4.8, 7.4.10, 7.4.11, 7.4.13, 7.4.16, 8.5.2, 8.6, 8.6.2, 8.8, 8.8.2, 8.8.5, 10.2
			EP2571269 (GB)	1	1, 2, 5.4, 6.4.3, 6.4.10, 6.4.15, 6.4.16, 6.4.18, 6.4.19, 6.4.24, 7.4.3, 7.4.8, 7.4.10, 7.4.11, 7.4.13, 7.4.16, 8.5.2, 8.6, 8.6.2, 8.8, 8.8.2, 8.8.5, 10.2
			EP2571269 (HU)	1	1, 2, 5.4, 6.4.3, 6.4.10, 6.4.15, 6.4.16, 6.4.18, 6.4.19, 6.4.24, 7.4.3, 7.4.8, 7.4.10, 7.4.11, 7.4.13, 7.4.16, 8.5.2, 8.6, 8.6.2, 8.8, 8.8.2, 8.8.5, 10.2
			EP2571269 (IT)	1	1, 2, 5.4, 6.4.3, 6.4.10, 6.4.15, 6.4.16, 6.4.18, 6.4.19, 6.4.24, 7.4.3, 7.4.8, 7.4.10, 7.4.11, 7.4.13, 7.4.16, 8.5.2, 8.6, 8.6.2, 8.8, 8.8.2, 8.8.5, 10.2
			EP2571269 (NL)	1	1, 2, 5.4, 6.4.3, 6.4.10, 6.4.15, 6.4.16, 6.4.18, 6.4.19, 6.4.24, 7.4.3, 7.4.8, 7.4.10, 7.4.11, 7.4.13, 7.4.16, 8.5.2, 8.6, 8.6.2, 8.8, 8.8.2, 8.8.5, 10.2
			EP2571269 (PL)	1	1, 2, 5.4, 6.4.3, 6.4.10, 6.4.15, 6.4.16, 6.4.18, 6.4.19, 6.4.24, 7.4.3, 7.4.8, 7.4.10, 7.4.11, 7.4.13, 7.4.16, 8.5.2, 8.6, 8.6.2, 8.8, 8.8.2, 8.8.5, 10.2
			EP2571269 (RO)	1	1, 2, 5.4, 6.4.3, 6.4.10, 6.4.15, 6.4.16, 6.4.18, 6.4.19, 6.4.24, 7.4.3, 7.4.8, 7.4.10, 7.4.11, 7.4.13, 7.4.16, 8.5.2, 8.6, 8.6.2, 8.8, 8.8.2, 8.8.5, 10.2
			EP2571269 (SE)	1	1, 2, 5.4, 6.4.3, 6.4.10, 6.4.15, 6.4.16, 6.4.18, 6.4.19, 6.4.24, 7.4.3, 7.4.8, 7.4.10, 7.4.11, 7.4.13, 7.4.16, 8.5.2, 8.6, 8.6.2, 8.8, 8.8.2, 8.8.5, 10.2
			EP2571269 (TR)	1	1, 2, 5.4, 6.4.3, 6.4.10, 6.4.15, 6.4.16, 6.4.18, 6.4.19, 6.4.24, 7.4.3, 7.4.8, 7.4.10, 7.4.11, 7.4.13, 7.4.16, 8.5.2, 8.6, 8.6.2, 8.8, 8.8.2, 8.8.5, 10.2
EP2571269(FR)			1	1, 2, 5.4, 6.4.3, 6.4.10, 6.4.15, 6.4.16, 6.4.18, 6.4.19, 6.4.24, 7.4.3, 7.4.8, 7.4.10, 7.4.11, 7.4.13, 7.4.16, 8.5.2, 8.6, 8.6.2, 8.8, 8.8.2, 8.8.5, 10.2	
EP3119091 (BE)	2	1, 2, 5.4, 6.4.3, 6.4.10, 6.4.15, 6.4.16, 6.4.18, 6.4.19, 6.4.24, 7.4.3, 7.4.8, 7.4.10, 7.4.11, 7.4.13, 7.4.16, 8.5.2, 8.6, 8.6.2, 8.8, 8.8.2, 8.8.5, 10.3			
EP3119091 (CZ)	1	1, 2, 5.4, 6.4.3, 6.4.10, 6.4.15, 6.4.16, 6.4.18, 6.4.19, 6.4.24, 7.4.3, 7.4.8, 7.4.10, 7.4.11, 7.4.13, 7.4.16, 8.5.2, 8.6, 8.6.2, 8.8, 8.8.2, 8.8.5, 10.2			
EP3119091 (DE)	1	1, 2, 5.4, 6.4.3, 6.4.10, 6.4.15, 6.4.16, 6.4.18, 6.4.19, 6.4.24, 7.4.3, 7.4.8, 7.4.10, 7.4.11, 7.4.13, 7.4.16, 8.5.2, 8.6, 8.6.2, 8.8, 8.8.2, 8.8.5, 10.2			





SK Telecom Co., Ltd.	VP9-068	Exemplary Patent/s	CN103327338	1	1, 2.3, 2.5, 2.16, 2.17, 2.22, 2.27, 2.39, 2.52, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.19, 6.5.1, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.4, 7.4.11, 7.4.13, 8, 8.1, 8.10
			CN103354614	1	1, 2.3, 2.5, 2.16, 2.17, 2.22, 2.27, 2.39, 2.52, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.19, 6.5.1, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.4, 7.4.11, 7.4.13, 8, 8.1, 8.10
			KR101279573	38	1, 2.3, 2.5, 2.16, 2.17, 2.19, 2.20, 2.22, 2.27, 2.39, 2.52, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.19, 6.4.20, 6.5.1, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.4, 7.4.11, 7.4.13, 7.4.14, 8, 8.1, 8.10
			KR101314632	13	1, 2.3, 2.5, 2.16, 2.17, 2.19, 2.20, 2.22, 2.27, 2.39, 2.52, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.19, 6.4.20, 6.5.1, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.4, 7.4.11, 7.4.13, 7.4.14, 8, 8.1, 8.10
			KR101316710	1	1, 2.3, 2.5, 2.16, 2.17, 2.22, 2.27, 2.39, 2.52, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.19, 6.5.1, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.4, 7.4.11, 7.4.13, 8, 8.1, 8.10
			KR101483174	15	1, 2.3, 2.5, 2.16, 2.17, 2.19, 2.20, 2.22, 2.27, 2.39, 2.52, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.19, 6.4.20, 6.5.1, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.4, 7.4.11, 7.4.13, 7.4.14, 8, 8.1, 8.10
			US8976863	1	1, 2.3, 2.5, 2.16, 2.17, 2.19, 2.20, 2.22, 2.27, 2.39, 2.52, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.19, 6.4.20, 6.5.1, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.4, 7.4.11, 7.4.13, 7.4.14, 8, 8.1, 8.10
			US9392300	1	1, 2.3, 2.5, 2.16, 2.17, 2.22, 2.27, 2.39, 2.52, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.19, 6.5.1, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.4, 7.4.11, 7.4.13, 8, 8.1, 8.10
		Family members	CN103297784		
			CN103297785		
			KR101445835		
			US9781445		
			US9794590		
			US9955182		
	VP9-087	Exemplary Patent/s	CN102598669	19	2.3, 2.5, 2.6, 2.9, 2.16, 2.17, 2.22, 2.31, 2.36, 2.42, 2.61, 2.62, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.10, 6.4.21, 6.4.24, 6.4.25, 7.4.3, 7.4.8, 7.4.9, 8, 8.1, 8.5, 8.5.1, 8.6.2, 10.2
			CN104506875	9	2.3, 2.5, 2.6, 2.9, 2.16, 2.17, 2.22, 2.31, 2.36, 2.42, 2.61, 2.62, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.10, 6.4.21, 6.4.24, 6.4.25, 7.4.3, 7.4.8, 7.4.9, 8, 8.1, 8.5, 8.5.1, 8.6.2, 10.2
			CN104506876	1	2.3, 2.5, 2.6, 2.9, 2.16, 2.17, 2.22, 2.31, 2.36, 2.42, 2.61, 2.62, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.10, 6.4.21, 6.4.24, 6.4.25, 7.4.3, 7.4.8, 7.4.9, 8, 8.1, 8.5, 8.5.1, 8.6.2, 10.2
			CN104539957	9	2.3, 2.5, 2.6, 2.9, 2.16, 2.17, 2.22, 2.31, 2.36, 2.42, 2.61, 2.62, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.10, 6.4.21, 6.4.24, 6.4.25, 7.4.3, 7.4.8, 7.4.9, 8, 8.1, 8.5, 8.5.1, 8.6.2, 10.2
			CN104539974	1	2.3, 2.5, 2.6, 2.9, 2.16, 2.17, 2.22, 2.31, 2.36, 2.42, 2.61, 2.62, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.10, 6.4.21, 6.4.24, 6.4.25, 7.4.3, 7.4.8, 7.4.9, 8, 8.1, 8.5, 8.5.1, 8.6.2, 10.2
			US9154809	8	2.3, 2.5, 2.6, 2.9, 2.16, 2.17, 2.22, 2.31, 2.36, 2.42, 2.61, 2.62, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.10, 6.4.21, 6.4.24, 6.4.25, 7.4.3, 7.4.8, 7.4.9, 8, 8.1, 8.5, 8.5.1, 8.6.2, 10.2
		Family members	KR101302660		
			KR101369174		
			KR101544379		
			KR101575634		
			KR101575638		
			US9584810		
			US9621895		
			VP9-105	Exemplary Patent/s	KR101356613
KR101377530	20	6.2, 6.4.16, 6.4.18, 6.5.1, 6.5.6, 6.5.11, 6.5.12, 7.2, 7.4.4, 7.4.11			
US9154806	1	1, 2.3, 2.5, 2.16, 2.17, 2.22, 2.25-2.27, 2.39, 2.40, 2.52, 2.63, 4.9.5, 5.5, 5.13, 6.2, 6.4.4, 6.4.5, 6.4.11, 6.4.18, 6.5.1, 6.5.2, 6.5.6, 6.5.11, 6.5.12, 7.2, 7.4.11, 9.1, 9.3, 9.3.1, 9.3.2			

SK Telecom Co., Ltd.

Toshiba Corporation	VP9-078	Exemplary Patent/s	<b>CN102763416</b>	7	2,2.19,2.20, 2.3, 2.37, 2.48, 2.62, 3, 5, 5.1, 5.4, 5.7, 5.8, 5.9, 5.22, 6, 6.3.14, 6.4.25, 7.3.5, 7.4.5, 7.4.10, 9.3, 9.3.1, 10.1, 10.2
			<b>CN103024391</b>	7	1, 2, 2.18, 2.37, 2.46, 2.62, 3, 5.4, 5.7, 5.8, 5.9, 5.22, 6, 6.4.5, 6.4.6, 6.4.11, 7.4.5, 8, 8.1, 9.3, 9.3.1, 10.2
			<b>JP05323209</b>	1	2, 2.3, 2.19, 2.48, 2.51, 2.59, 5, 5.4, 5.7, 5.8, 5.9, 5.22, 6, 6.4.6, 6.4.25, 6.4.26, 7.4.5, 8, 8.1, 9, 9.2, 9.3, 9.3.1, 10, 10.1, 10.2
			<b>JP05432359</b>	1	2, 2.3, 2.48, 2.51, 2.59, 5, 5.4, 5.7, 5.8, 5.9, 5.22, 6, 6.4.6, 6.4.25, 6.4.26, 7.4.5, 8.1, 9, 9.2, 9.3, 9.3.1, 10, 10.1, 10.2
			<b>JP05432412</b>	2	2, 2.3, 2.45, 2.59, 5, 5.4, 5.7, 5.8, 5.9, 5.22, 6, 6.2.9, 6.4.5, 6.4.6, 6.4.25, 7.4.5, 8, 8.1, 9.3, 9.3.1, 10, 10.1, 10.2
			<b>JP05525650</b>	2	2, 2.3, 2.45, 2.48, 2.51, 2.59, 3, 5, 5.1, 5.4, 5.7, 5.8, 5.9, 5.22, 6, 6.2.9, 6.4.25, 7, 7.4.5, 8, 8.1, 10, 10.1, 10.2
			<b>JP05526277</b>	1	2, 2.3, 2.16, 2.45, 2.48, 2.51, 2.59, 5, 5.1, 5.4, 5.7, 5.8, 5.9, 5.13, 5.22, 6, 6.2.9, 6.4.25, 7, 7.4.5, 7.4.11, 8, 8.1, 8.7.2, 10, 10.2
			<b>JP05597782</b>	2	2, 2.3, 2.45, 2.48, 2.51, 2.59, 5, 5.4, 5.7, 5.8, 5.9, 5.22, 6, 6.2.9, 6.4.25, 7, 7.4.5, 8, 8.1, 10, 10.1, 10.2,
			<b>JP05696248</b>	10	2, 2.3, 2.16, 2.19, 2.45, 2.59, 5, 5.1, 5.4, 5.7, 5.8, 5.9, 5.13, 5.22, 6, 6.2.9, 6.4.25, 7, 7.4.5, 7.4.11, 8, 8.1, 8.7, 8.7.2, 9.2, 9.3.2, 10, 10.1, 10.2
			<b>JP05908619</b>	3	2, 2.3, 2.45, 2.48, 2.51, 2.59, 5, 5.4, 5.7, 5.8, 5.9, 5.22, 6, 6.2.9, 7, 7.4.5, 5, 5.7, 8, 8.1, 10, 10.2, 6.4.25, 10, 10.1, 10.2,
			<b>US9113138</b>	9	1, 2, 2.1, 2.3, 2.5, 2.10, 2.13, 2.17, 2.18, 2.22, 2.28, 2.29, 2.31, 2.37, 2.41, 2.42, 2.46, 2.59, 2.60, 2.61, 2.62, 2.63, 3, 5, 5.4, 5.7, 5.8, 5.9, 5.22, 6.1, 6.3, 6.3.3, 6.3.14, 6.4.4, 6.4.5, 6.4.6, 6.4.11, 6.4.15, 6.4.21, 6.4.24, 6.4.25, 7.4.5, 8.1, 8.5, 8.5.1, 8.7, 8.7.2, 9.2, 9.2.1, 9.2.2, 9.3, 9.3.1, 9.3.2, 9.3.3, 10.1, 10.2, 10.4.
			<b>US9113139</b>	9	1, 2, 2.1, 2.3, 2.5, 2.10, 2.13, 2.17, 2.18, 2.22, 2.28, 2.29, 2.31, 2.37, 2.41, 2.42, 2.46, 2.59, 2.60, 2.61, 2.62, 2.63, 5, 5.4, 5.7, 5.8, 5.9, 5.22, 5.25, 6.1, 6.4.4, 6.4.5, 6.4.6, 6.4.15, 6.4.24, 6.4.25, 7, 7.4.5, 8.1, 8.5, 8.5.1, 8.7, 8.7.2, 10, 10.1
			<b>US9143777</b>	2	1, 2, 2.1, 2.3, 2.5, 2.6, 2.10, 2.13, 2.17, 2.18, 2.22, 2.25, 2.26, 2.27, 2.28, 2.29, 2.31, 2.37, 2.41, 2.42, 2.46, 2.59, 2.60, 2.61, 2.62, 2.63, 3, 5, 5.4, 5.7, 5.8, 5.9, 5.22, 5.25, 6.1, 6.4, 6.4.2, 6.4.3,, 6.4.4, 6.4.5, 6.4.6, 6.4.15, 6.4.21, 6.4.24, 6.4.25, 7, 7.4.5, 7.4.10, 7.4.15, 8.1, 8.5, 8.5.1, 8.6, 8.6.1, 8.6.2, 8.7, 8.7.2, 9.3, 9.3.1, 9.3.2, 10.1, 10.2, and 10.4.
			<b>US9154779</b>	2	1, 2, 2.1, 2.3, 2.5, 2.10, 2.13, 2.17, 2.18, 2.22, 2.28, 2.29, 2.31, 2.37, 2.41, 2.42, 2.46, 2.59, 2.60, 2.61, 2.62, 2.63, 3, 5, 5.4, 5.7, 5.8, 5.9, 5.22, 5.25, 6.1, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 6.4.24, 6.4.25, 7, 7.4.5, 8.1, 8.5, 8.5.1, 8.6, 8.6.1, 8.6.2, 8.7, 8.7.1.1, 8.7.1.3, 8.7.1.9, 8.7.2, 10, 10.1, and 10.2.
			<b>US9294768</b>	2	1, 2, 2.1, 2.3, 2.5, 2.6, 2.10, 2.13, 2.17, 2.18, 2.22, 2.25, 2.26, 2.27, 2.28, 2.29, 2.31, 2.37, 2.41, 2.42, 2.46, 2.59, 2.60, 2.61, 2.62, 2.63, 3, 5, 5.4, 5.7, 5.8, 5.9, 5.22, 5.25, 6.1, 6.4, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.15, 6.4.21, 6.4.24, 6.4.25, 7, 7.4.5, 7.4.10, 7.4.11, 7.4.15, 8.1, 8.5, 8.5.1, 8.6, 8.6.1, 8.6.2, 8.7, 8.7.2, 9.3, 9.3.1, 9.3.2, 10.1, 10.2 and 10.4.
<b>US9392282</b>	10	1, 2, 2.1, 2.3, 2.5, 2.6, 2.10, 2.13, 2.17, 2.18, 2.22, 2.25, 2.26, 2.27, 2.28, 2.29, 2.31, 2.37, 2.41, 2.42, 2.46, 2.59, 2.60, 2.61, 2.62, 2.63, 3, 5, 5.4, 5.7, 5.8, 5.22, 5.25, 6.1, 6.4, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.15, 6.4.21, 6.4.24, 6.4.25, 7.4.5, 7.4.10, 7.4.15, 8.1, 8.5, 8.5.1, 8.6, 8.6.1, 8.6.2, 8.7, 8.7.2, 9.3, 9.3.1, 9.3.2, 10.1, 10.2, 10.4			
<b>VN16277</b>	9	1, 2, 2.1, 2.3, 2.5, 2.10, 2.13, 2.17, 2.18, 2.22, 2.28, 2.29, 2.31, 2.37, 2.41, 2.42, 2.46, 2.59, 2.60, 2.61, 2.62, 2.63, 5, 5.4, 5.7, 5.8, 5.9, 5.22, 5.25, 6.1, 6.4.4, 6.4.5, 6.4.6, 6.4.15, 6.4.24, 6.4.25, 7, 7.4.5, 8.1, 8.5, 8.5.1, 8.7, 8.7.2, 10, 10.1			
<b>VN17212</b>	2	1, 2, 2.1, 2.3, 2.5, 2.6, 2.10, 2.13, 2.17, 2.18, 2.22, 2.25, 2.26, 2.27, 2.28, 2.29, 2.31, 2.37, 2.41, 2.42, 2.46, 2.59, 2.60, 2.61, 2.62, 2.63, 3, 5, 5.4, 5.7, 5.8, 5.9, 5.22, 5.25, 6.1, 6.4, 6.4.2, 6.4.3,, 6.4.4, 6.4.5, 6.4.6, 6.4.15, 6.4.21, 6.4.24, 6.4.25, 7, 7.4.5, 7.4.10, 7.4.15, 8.1, 8.5, 8.5.1, 8.6, 8.6.1, 8.6.2, 8.7, 8.7.2, 9.3, 9.3.1, 9.3.2, 10.1, 10.2, and 10.4.			
Family members			<b>US9148659</b>		

Xylene Holdings S.A.	VP9-018	Exemplary Patent/s	BRPI0214328	1	5.13, 6.4.16, 6.4.18, 7.4.11, 7.4.13, 8.5.2.1, 8.5.2.2, 8.5.2.3	
	VP9-053	Exemplary Patent/s	BR112012025206.2	1	1, 2, 4.9.5, 5.1, 5.5, 5.6, 6.4.10, 6.4.21, 8.5.2, 8.6, 9.2, 9.3	
			CA2795425	2	1, 2.3, 2.39, 2.5, 2.15, 2.16, 2.17, 2.22, 4.9.5, 5.1, 5.5, 5.6, 6.2.3, 6.2.6, 6.4.3, 6.4.3, 6.4.4, 6.4.21, 7.4.3, 8.5, 8.5.2, 9.2, 9.3, 9.3.1, 9.3.3, 10.2	
			CN106998473	1	1, 2.3, 2.39, 2.5, 2.15, 2.16, 2.17, 2.22, 4.9.5, 5.1, 5.5, 5.6, 6.2.3, 6.2.6, 6.4.3, 6.4.3, 6.4.4, 6.4.21, 7.4.3, 8.5, 8.5.2, 9.2, 9.3, 9.3.1, 9.3.3, 10.2	
			CN107046644	1	1, 2.3, 2.39, 2.5, 2.15, 2.16, 2.17, 2.22, 4.9.5, 5.1, 5.5, 5.6, 6.2.3, 6.2.6, 6.4.3, 6.4.3, 6.4.4, 6.4.21, 7.4.3, 8.5, 8.5.2, 9.2, 9.3, 9.3.1, 9.3.3, 10.2	
			IN416539	1	1, 2.3, 2.39, 2.5, 2.15, 2.16, 2.17, 2.22, 4.9.5, 5.1, 5.5, 5.6, 6.2.3, 6.2.6, 6.4.3, 6.4.3, 6.4.4, 6.4.21, 7.4.3, 8.5, 8.5.2, 9.2, 9.3, 9.3.1, 9.3.3, 10.2	
			JP06605063	1	1, 2, 4.9.5, 5.1, 5.5, 5.6, 6.4.10, 6.4.21, 8.5.2, 8.6, 9.2, 9.3	
			MX353107	1	1, 2.3, 2.39, 2.5, 2.15, 2.16, 2.17, 2.22, 4.9.5, 5.1, 5.5, 5.6, 6.2.3, 6.2.6, 6.4.3, 6.4.3, 6.4.4, 6.4.21, 7.4.3, 8.5, 8.5.2, 9.2, 9.3, 9.3.1, 9.3.3, 10.2	
			MX353109	1	1, 2.3, 2.39, 2.5, 2.15, 2.16, 2.17, 2.22, 4.9.5, 5.1, 5.5, 5.6, 6.2.3, 6.2.6, 6.4.3, 6.4.3, 6.4.4, 6.4.21, 7.4.3, 8.5, 8.5.2, 9.2, 9.3, 9.3.1, 9.3.3, 10.2	
			RU2663374	1	1, 2.3, 2.39, 2.5, 2.15, 2.16, 2.17, 2.22, 4.9.5, 5.1, 5.5, 5.6, 6.2.3, 6.2.6, 6.4.3, 6.4.3, 6.4.4, 6.4.21, 7.4.3, 8.5, 8.5.2, 9.2, 9.3, 9.3.1, 9.3.3, 10.2	
			RU2716032	1	1, 2.3, 2.39, 2.5, 2.15, 2.16, 2.17, 2.22, 4.9.5, 5.1, 5.5, 5.6, 6.2.3, 6.2.6, 6.4.3, 6.4.3, 6.4.4, 6.4.21, 7.4.3, 8.5, 8.5.2, 9.2, 9.3, 9.3.1, 9.3.3, 10.2	
			SG102015022265	1	1, 2.3, 2.39, 2.5, 2.15, 2.16, 2.17, 2.22, 4.9.5, 5.1, 5.5, 5.6, 6.2.3, 6.2.6, 6.4.3, 6.4.3, 6.4.4, 6.4.21, 7.4.3, 8.5, 8.5.2, 9.2, 9.3, 9.3.1, 9.3.3, 10.2	
			TWI688267	1	1, 2.3, 2.39, 2.5, 2.15, 2.16, 2.17, 2.22, 4.9.5, 5.1, 5.5, 5.6, 6.2.3, 6.2.6, 6.4.3, 6.4.3, 6.4.4, 6.4.21, 7.4.3, 8.5, 8.5.2, 9.2, 9.3, 9.3.1, 9.3.3, 10.2	
			TWI765223	1	1, 2.3, 2.39, 2.5, 2.15, 2.16, 2.17, 2.22, 4.9.5, 5.1, 5.5, 5.6, 6.2.3, 6.2.6, 6.4.3, 6.4.3, 6.4.4, 6.4.21, 7.4.3, 8.5, 8.5.2, 9.2, 9.3, 9.3.1, 9.3.3, 10.2	
			US10390011	1	1, 2, 4.9.5, 5.1, 5.5, 5.6, 6.4.10, 6.4.21, 8.5.2, 8.6, 9.2, 9.3	
			US10412385	1	1, 2, 4.9.5, 5.1, 5.5, 5.6, 6.4.10, 6.4.21, 8.5.2, 8.6, 9.2, 9.3	
			US9973753	1	1, 2.3, 2.39, 2.5, 2.15, 2.16, 2.17, 2.22, 4.9.5, 5.1, 5.5, 5.6, 6.2.3, 6.2.6, 6.4.3, 6.4.3, 6.4.4, 6.4.21, 7.4.3, 8.5, 8.5.2, 9.2, 9.3, 9.3.1, 9.3.3, 10.2	
			Family members	KR101389163		
	KR101500914					
	KR101540899					
	KR101817481					
	MX315648					
	MX321449					
	MX322916					
	MX332789					
	MX332791					
	RU2020107720					
	RU2523071					
	RU2573222					
	RU2627101					
	RU2699049					
	SG184528					
	TWI520617					
TWI601415						
US10469839						
US10554970						
VP9-079	Exemplary Patent/s	BR112013006499.4	1	1, 2, 5.5, 5.13, 6.4.3, 6.4.4, 6.4.5, 6.4.13, 6.4.15, 6.4.16, 6.4.18, 6.5, 6.5.1, 6.5.7, 6.5.8, 7.2.6, 7.3.6, 7.4.11, 7.4.13, 8.5.2, 8.6.2, 9.2, 9.2.1		
		CN103222265	1	1, 2, 5.5, 5.13, 6.4.3, 6.4.4, 6.4.5, 6.4.13, 6.4.15, 6.4.16, 6.4.18, 6.5, 6.5.1, 6.5.7, 6.5.8, 7.2.6, 7.3.6, 7.4.11, 7.4.13, 8.5.2, 8.6.2, 9.2, 9.2.1		
		CN106454379	1	1, 2, 5.5, 5.13, 6.4.3, 6.4.4, 6.4.5, 6.4.13, 6.4.15, 6.4.16, 6.4.18, 6.5, 6.5.1, 6.5.7, 6.5.8, 7.2.6, 7.3.6, 7.4.11, 7.4.13, 8.5.2, 8.6.2, 9.2, 9.2.1		
		CN106713930	1	1, 2, 5.5, 5.13, 6.4.3, 6.4.4, 6.4.5, 6.4.13, 6.4.15, 6.4.16, 6.4.18, 6.5, 6.5.1, 6.5.7, 6.5.8, 7.2.6, 7.3.6, 7.4.11, 7.4.13, 8.5.2, 8.6.2, 9.2, 9.2.1		

Xylene Holdings S.A.	VP9-079	Exemplary Patent/s	HK1186031	1	1, 2, 5.5, 5.13, 6.4.3, 6.4.4, 6.4.5, 6.4.13, 6.4.15, 6.4.16, 6.4.18, 6.5, 6.5.1, 6.5.7, 6.5.8, 7.2.6, 7.3.6, 7.4.11, 7.4.13, 8.5.2, 8.6.2, 9.2, 9.2.1			
			IN359148	1	1, 2, 5.5, 5.13, 6.4.3, 6.4.4, 6.4.5, 6.4.13, 6.4.15, 6.4.16, 6.4.18, 6.5, 6.5.1, 6.5.7, 6.5.8, 7.2.6, 7.3.6, 7.4.11, 7.4.13, 8.5.2, 8.6.2, 9.2, 9.2.1			
			JP5486091	1	1, 2, 5.5, 5.13, 6.4.3, 6.4.4, 6.4.5, 6.4.13, 6.4.15, 6.4.16, 6.4.18, 6.5, 6.5.1, 6.5.7, 6.5.8, 7.2.6, 7.3.6, 7.4.11, 7.4.13, 8.5.2, 8.6.2, 9.2, 9.2.1			
			KR101554792	2	1, 2, 5.5, 5.13, 6.4.3, 6.4.4, 6.4.5, 6.4.13, 6.4.15, 6.4.16, 6.4.18, 6.5, 6.5.1, 6.5.7, 6.5.8, 7.2.6, 7.3.6, 7.4.11, 7.4.13, 8.5.2, 8.6.2, 9.2, 9.2.1			
			MX324042	1	1, 2, 5.5, 5.13, 6.4.3, 6.4.4, 6.4.5, 6.4.13, 6.4.15, 6.4.16, 6.4.18, 6.5, 6.5.1, 6.5.7, 6.5.8, 7.2.6, 7.3.6, 7.4.11, 7.4.13, 8.5.2, 8.6.2, 9.2, 9.2.1			
			MX326851	1	1, 2, 5.5, 5.13, 6.4.3, 6.4.4, 6.4.5, 6.4.13, 6.4.15, 6.4.16, 6.4.18, 6.5, 6.5.1, 6.5.7, 6.5.8, 7.2.6, 7.3.6, 7.4.11, 7.4.13, 8.5.2, 8.6.2, 9.2, 9.2.1			
			MX326852	1	1, 2, 5.5, 5.13, 6.4.3, 6.4.4, 6.4.5, 6.4.13, 6.4.15, 6.4.16, 6.4.18, 6.5, 6.5.1, 6.5.7, 6.5.8, 7.2.6, 7.3.6, 7.4.11, 7.4.13, 8.5.2, 8.6.2, 9.2, 9.2.1			
			MX326853	1	1, 2, 5.5, 5.13, 6.4.3, 6.4.4, 6.4.5, 6.4.13, 6.4.15, 6.4.16, 6.4.18, 6.5, 6.5.1, 6.5.7, 6.5.8, 7.2.6, 7.3.6, 7.4.11, 7.4.13, 8.5.2, 8.6.2, 9.2, 9.2.1			
			MX326854	1	1, 2, 5.5, 5.13, 6.4.3, 6.4.4, 6.4.5, 6.4.13, 6.4.15, 6.4.16, 6.4.18, 6.5, 6.5.1, 6.5.7, 6.5.8, 7.2.6, 7.3.6, 7.4.11, 7.4.13, 8.5.2, 8.6.2, 9.2, 9.2.1			
			RU2549512	1	1, 2, 5.5, 5.13, 6.4.3, 6.4.4, 6.4.5, 6.4.13, 6.4.15, 6.4.16, 6.4.18, 6.5, 6.5.1, 6.5.7, 6.5.8, 7.2.6, 7.3.6, 7.4.11, 7.4.13, 8.5.2, 8.6.2, 9.2, 9.2.1			
			RU2597499	1	1, 2, 5.5, 5.13, 6.4.3, 6.4.4, 6.4.5, 6.4.13, 6.4.15, 6.4.16, 6.4.18, 6.5, 6.5.1, 6.5.7, 6.5.8, 7.2.6, 7.3.6, 7.4.11, 7.4.13, 8.5.2, 8.6.2, 9.2, 9.2.1			
			RU2654136	1	1, 2, 5.5, 5.13, 6.4.3, 6.4.4, 6.4.5, 6.4.13, 6.4.15, 6.4.16, 6.4.18, 6.5, 6.5.1, 6.5.7, 6.5.8, 7.2.6, 7.3.6, 7.4.11, 7.4.13, 8.5.2, 8.6.2, 9.2, 9.2.1			
			SG10201506682S	1	1, 2, 5.5, 5.13, 6.4.3, 6.4.4, 6.4.5, 6.4.13, 6.4.15, 6.4.16, 6.4.18, 6.5, 6.5.1, 6.5.7, 6.5.8, 7.2.6, 7.3.6, 7.4.11, 7.4.13, 8.5.2, 8.6.2, 9.2, 9.2.1			
			SG10201802064V	1	1, 2, 5.5, 5.13, 6.4.3, 6.4.4, 6.4.5, 6.4.13, 6.4.15, 6.4.16, 6.4.18, 6.5, 6.5.1, 6.5.7, 6.5.8, 7.2.6, 7.3.6, 7.4.11, 7.4.13, 8.5.2, 8.6.2, 9.2, 9.2.1			
			SG189114	1	1, 2, 5.5, 5.13, 6.4.3, 6.4.4, 6.4.5, 6.4.13, 6.4.15, 6.4.16, 6.4.18, 6.5, 6.5.1, 6.5.7, 6.5.8, 7.2.6, 7.3.6, 7.4.11, 7.4.13, 8.5.2, 8.6.2, 9.2, 9.2.1			
			TW571108	1	1, 2, 5.5, 5.13, 6.4.3, 6.4.4, 6.4.5, 6.4.13, 6.4.15, 6.4.16, 6.4.18, 6.5, 6.5.1, 6.5.7, 6.5.8, 7.2.6, 7.3.6, 7.4.11, 7.4.13, 8.5.2, 8.6.2, 9.2, 9.2.1			
			US9369730	1	1, 2, 5.5, 5.13, 6.4.3, 6.4.4, 6.4.5, 6.4.13, 6.4.15, 6.4.16, 6.4.18, 6.5, 6.5.1, 6.5.7, 6.5.8, 7.2.6, 7.3.6, 7.4.11, 7.4.13, 8.5.2, 8.6.2, 9.2, 9.2.1			
			US9894376	1	1, 2, 5.5, 5.13, 6.4.3, 6.4.4, 6.4.5, 6.4.13, 6.4.15, 6.4.16, 6.4.18, 6.5, 6.5.1, 6.5.7, 6.5.8, 7.2.6, 7.3.6, 7.4.11, 7.4.13, 8.5.2, 8.6.2, 9.2, 9.2.1			
			US9900611	1	1, 2, 5.5, 5.13, 6.4.3, 6.4.4, 6.4.5, 6.4.13, 6.4.15, 6.4.16, 6.4.18, 6.5, 6.5.1, 6.5.7, 6.5.8, 7.2.6, 7.3.6, 7.4.11, 7.4.13, 8.5.2, 8.6.2, 9.2, 9.2.1			
			Family members			CA2813232		
						CA3033984		
			CN106488249					
			CN106713931					
			JP6071922					
			JP6312787					
			KR101723282					
			KR101829594					
			KR101914018					
			KR102013093					
			RU2680199					
			RU2706179					
			SG10201701439W					
			SG10201707379S					
			TW581622					
			US9894375					
			US9900612					

**VP9 Expired Patent List**

Company	VP9 Family		Pat.Nr	Claim	Illustrative section(s) of the VP9 specification
Dolby International AB	VP9-003	Exemplary Patent/s	US8576907	19	2.5, 2.10, 2.16, 2.17, 2.22, 2.45, 2.46, 2.52, 2.61, 2.62, 4.7, 6.2, 6.2.9, 7.2.9, 8.6, 8.6.1, 8.6.2
			US8594188	21	1, 2.5, 2.10, 2.16, 2.17, 2.22, 2.37, 2.38, 2.45, 2.46, 2.52, 2.57, 2.60, 2.61, 2.62, 4.6, 5.3, 5.6, 6.1, 6.2, 6.2.9, 6.2.10, 6.4, 6.4.2, 6.4.3, 6.4.4, 6.4.21, 6.4.24, 6.4.26, 7, 7.1, 7.2.9, 7.4.3, 8.6, 8.6.1, 8.6.2
			US9667957	1	1, 2.1, 2.3, 2.5, 2.10, 2.14, 2.16, 2.17, 2.18, 2.22, 2.36, 2.45, 2.46, 2.59, 2.61, 2.62, 5.20, 5.26, 6, 6.1, 6.2, 6.2.9, 6.2.10, 6.4.24, 6.4.26, 7.1, 7.2.9, 7.4.16, 7.4.17, 8.1, 8.6, 8.6.1, 8.6.2, B.1, B.4
		Family members	US10264256		
	VP9-004	Exemplary Patent/s	BNRE/R/2013/0091	6	2, 5.1, 6.2.9, 7.2.9, 8.6, 8.6.1, 8.6.2
			CN1250003	1	2, 4.9.2, 5.1, 5.5, 6.2.9, 6.2.10, 7.2, 7.2.9, 8.6.1
			EP2239943 (DE)	6	2, 5.1, 6.2.9, 7.2.9, 8.6, 8.6.1, 8.6.2
			EP2239943 (ES)	6	2, 5.1, 6.2.9, 7.2.9, 8.6, 8.6.1, 8.6.2
			EP2239943 (FI)	6	2, 5.1, 6.2.9, 7.2.9, 8.6, 8.6.1, 8.6.2
			EP2239943 (FR)	6	2, 5.1, 6.2.9, 7.2.9, 8.6, 8.6.1, 8.6.2
			EP2239943 (GB)	6	2, 5.1, 6.2.9, 7.2.9, 8.6, 8.6.1, 8.6.2
			EP2239943 (IT)	6	2, 5.1, 6.2.9, 7.2.9, 8.6, 8.6.1, 8.6.2
			EP2239943 (NL)	6	2, 5.1, 6.2.9, 7.2.9, 8.6, 8.6.1, 8.6.2
			EP2239943 (SE)	6	2, 5.1, 6.2.9, 7.2.9, 8.6, 8.6.1, 8.6.2
			EP2239943 (SK)	6	2, 5.1, 6.2.9, 7.2.9, 8.6, 8.6.1, 8.6.2
			EP2239943 (TR)	6	2, 5.1, 6.2.9, 7.2.9, 8.6, 8.6.1, 8.6.2
			HK1148152	6	2, 5.1, 6.2.9, 7.2.9, 8.6, 8.6.1, 8.6.2
			IN288863	1	1, 2, 4.9.2, 5.1, 5.5, 6.2.9, 6.2.10, 7.2, 7.2.9, 8.6.1, 9.3.2
			JP5178389	1	1, 2.3, 2.5, 2.9, 2.10, 2.11, 2.12, 2.16-2.20, 2.22, 2.25-2.27, 2.36-2.38, 2.41-2.43, 2.45, 2.46, 2.48, 2.49, 2.51, 2.52, 2.56, 2.57, 2.59-2.63, 4.6, 5.6, 5.12, 6.1, 6.2, 6.2.9, 6.2.10, 6.4, 6.4.2, 6.4.3, 6.4.4, 6.4.21, 7.1, 7.2.9, 8.6, 8.6.1, 8.6.2
			JP5506645	1	2, 4.9.2, 5.1, 5.5, 6.2.9, 6.2.10, 7.2, 7.2.9, 8.6.1
			JP5506903	5	2, 2.3, 2.16, 2.17, 2.22, 5.19, 6.2.9, 7.2.9, 8.6, 8.6.1, 8.6.2
			JP5506904	1	2, 2.3, 2.16, 2.17, 2.22, 2.45, 4.9.2, 5.19, 6.2.9, 6.2.10, 7.2.9, 8.6, 8.6.1, 8.6.2
			JP5506905	1	1, 2, 4.9.2, 5.1, 5.5, 6.2.9, 6.2.10, 7.2, 7.2.9, 8.6.1, 9.3.2
			SG10201508768W	1	2, 2.3, 2.16, 2.17, 2.22, 2.45, 4.9.2, 5.19, 6.2.9, 6.2.10, 7.2.9, 8.6, 8.6.1, 8.6.2
			SG193680	6	2, 5.1, 6.2.9, 7.2.9, 8.6, 8.6.1, 8.6.2
			US10110908	5	1, 2.3, 2.5, 2.9, 2.10, 2.11, 2.16, 2.17, 2.22, 2.36, 2.45, 2.53, 2.59, 3, 4.6, 5.19, 6, 6.1, 6.2, 6.2.9, 6.2.10, 6.2.11, 7.2.9, 7.2.10, 8, 8.1, 8.6, 8.6.1, 8.6.2
			US10158865	5	1, 2.3, 2.5, 2.9, 2.10, 2.11, 2.16, 2.17, 2.22, 2.36, 2.45, 2.53, 2.59, 3, 4.6, 4.7, 5.19, 6, 6.1, 6.2, 6.2.9, 6.2.10, 6.2.11, 7.2.9, 7.2.10, 8, 8.1, 8.6, 8.6.1, 8.6.2
US9497471	7	1, 2.3, 2.5, 2.9, 2.10, 2.11, 2.12, 2.16-2.20, 2.22, 2.25-2.27, 2.36-2.38, 2.41-2.43, 2.45, 2.46, 2.48, 2.49, 2.51, 2.52, 2.56, 2.57, 2.59-2.63, 4.6, 5.6, 5.12, 6.1, 6.2, 6.2.9, 6.2.10, 6.4, 6.4.2, 6.4.3, 6.4.4, 6.4.21, 7.1, 7.2.9, 8.6, 8.6.1, 8.6.2			
US9986249	8	1, 2.3, 2.5, 2.9, 2.10, 2.16, 2.17, 2.22, 2.36, 2.45, 2.53, 2.59, 3, 4.6, 5.19, 6, 6.1, 6.2, 6.2.9, 6.2.10, 7.2.9, 8, 8.1, 8.6, 8.6.1, 8.6.2			
Family members	AU2002316676				
	AU2007203288				
	CA2452506				
	MX277175				
	SG201303747-8				
	SG2013037486				
	US9578341				

Dolby International AB	VP9-014	Exemplary Patent/s	CA2989854	1	1, 2.3, 2.5, 2.10, 2.15, 2.17, 2.18, 2.22, 2.25, 2.26, 2.27, 2.35, 2.39, 2.46, 2.49, 2.52, 2.53, 2.54, 2.59, 2.61, 2.62, 3, 6.2, 6.2.11, 6.4.4, 6.4.6, 6.4.8, 6.4.9, 6.4.11, 7.2.10, 7.4.7, 8.5, 8.5.2, 8.6, 8.6.1, 8.6.2, 8.8, 8.8.2		
			CA2989883	1	1, 2.16, 2.17, 2.27, 2.35, 2.46, 2.49, 6.4.21, 6.4.24, 7.2.10, 7.4.7, 7.4.15, 7.4.16, 8, 8.1, 8.6.2, 8.7.2, 8.8, 8.8.2, 8.10		
			CA3001216	1	1, 2.16, 2.17, 2.27, 2.35, 2.46, 2.49, 5.1, 6.4.21, 6.4.24, 7.2.10, 7.4.7, 7.4.15, 7.4.16, 8, 8.1, 8.6.2, 8.7.2, 8.8, 8.8.2, 8.9, 8.10		
			CA3001227	1	1, 2.16, 2.17, 2.27, 2.35, 2.39, 2.46, 2.49, 6.4.21, 6.4.24, 7.2.10, 7.4.7, 7.4.15, 7.4.16, 8, 8.1, 8.5.2, 8.6.2, 8.7.2, 8.8, 8.8.2, 8.8.4, 8.8.5, 8.8.5.2		
			CA3011301	1	1, 2.16, 2.17, 2.27, 2.35, 2.39, 2.46, 2.49, 6.4.21, 6.4.24, 7.2.10, 7.4.7, 7.4.15, 7.4.16, 8, 8.1, 8.5.2, 8.6.2, 8.7.2, 8.8, 8.8.2, 8.8.4, 8.8.5		
			CN1311691	3	1, 2, 5.5, 5.15, 5.23, 5.24, 7.2.8, 7.2.10, 7.4.7, 7.4.9, 7.4.12, 7.4.13, 8.1, 8.8, 8.8.2		
			HK1070223	3	1, 2, 5.5, 5.15, 5.23, 5.24, 7.2.8, 7.2.10, 7.4.7, 7.4.9, 7.4.12, 7.4.13, 8.1, 8.8, 8.8.2		
			JP4372197	2	2, 7.2.10, 8, 8.5, 8.5.2, 8.6, 8.6.1, 8.6.2, 8.7, 8.8, 8.8.2		
			JP4672065	1	2, 7, 7.2, 7.4.7, 8, 8.1, 8.5, 8.5.2, 8.6, 8.6.1, 8.6.2, 8.7, 8.7.1.3, 8.8, 8.8.2, 8.8.4, 8.8.5		
			JP4672074	2	2, 7.2.10, 8, 8.5, 8.5.2, 8.6, 8.6.1, 8.6.2, 8.7, 8.8, 8.8.2, 8.8.4, 8.8.5		
			JP4672077	1	2, 7, 7.2, 7.4.7, 8, 8.1, 8.5, 8.5.2, 8.6, 8.6.1, 8.6.2, 8.7, 8.7.1.3, 8.8, 8.8.2, 8.8.4, 8.8.5		
			JP4672078	2	2, 7.2.10, 8, 8.5, 8.5.2, 8.6, 8.6.1, 8.6.2, 8.7, 8.8, 8.8.2		
			KR10612785	5	2.16, 2.17, 2.39, 2.49, 3, 6.2.11, 6.4.4, 6.4.5, 6.4.8, 6.4.9, 6.4.11, 6.4.16, 6.4.17, 6.4.18, 7.2.10, 7.4.12, 7.4.13, 8, 8.1, 8.8, 8.8.2		
			KR10785588	11	2.16, 2.17, 2.39, 3, 6.2.11, 6.4.4, 6.4.5, 6.4.8, 6.4.9, 6.4.11, 6.4.16, 6.4.18, 7.2.10, 7.4.13, 8, 8.1, 8.8, 8.8.2		
			KR10785589	10	2.27, 2.39, 2.49, 3, 6.2.11, 6.4.4, 6.4.5, 6.4.8, 6.4.9, 6.4.11, 6.4.16, 6.4.17, 6.4.18, 7.2.10, 7.4.12, 7.4.13, 8.5.2, 8.6.2, 8.7.2, 8.8, 8.8.2		
			US10178386	1	1, 2.3, 2.16, 2.17, 2.27, 2.35, 2.39, 2.46, 2.49, 6.4.21, 6.4.24, 7.2.10, 7.4.7, 7.4.15, 7.4.16, 8, 8.1, 8.5.2, 8.6.2, 8.7.2, 8.8, 8.8.2, 8.10		
			US10257511	1	1, 2.3, 2.16, 2.17, 2.27, 2.35, 2.39, 2.46, 2.49, 6.4.21, 6.4.24, 7.2.10, 7.4.7, 7.4.15, 7.4.16, 8, 8.1, 8.5.2, 8.6.2, 8.7.2, 8.8, 8.8.2, 8.10		
			US9344730	1	1, 2.16, 2.17, 2.27, 2.35, 2.39, 2.46, 2.49, 6.4.21, 6.4.24, 7.2.10, 7.4.7, 7.4.15, 7.4.16, 8, 8.1, 8.5.2, 8.6.2, 8.7.2, 8.8, 8.8.2, 8.8.4, 8.8.5		
			US9407913	1	1, 2.3, 2.5, 2.10, 2.15, 2.17, 2.18, 2.22, 2.25, 2.26, 2.27, 2.35, 2.39, 2.46, 2.49, 2.52, 2.53, 2.54, 2.59, 2.61, 2.62, 3, 6.2, 6.2.11, 6.4.4, 6.4.6, 6.4.8, 6.4.9, 6.4.11, 7.2.10, 7.4.7, 8.5, 8.5.2, 8.6, 8.6.1, 8.6.2, 8.8, 8.8.2		
			US9407914	1	1, 2.16, 2.17, 2.27, 2.35, 2.46, 2.49, 6.4.21, 6.4.24, 7.2.10, 7.4.7, 7.4.15, 7.4.16, 8, 8.1, 8.6.2, 8.7.2, 8.8, 8.8.2, 8.10		
			US9503759	1	1, 2.16, 2.17, 2.27, 2.35, 2.39, 2.46, 2.49, 6.4.21, 6.4.24, 7.2.10, 7.4.7, 7.4.15, 7.4.16, 8, 8.1, 8.5.2, 8.6.2, 8.7.2, 8.8, 8.8.2, 8.8.4, 8.8.5		
			US9866834	1	1, 2.16, 2.17, 2.27, 2.35, 2.46, 2.49, 5.1, 6.4.21, 6.4.24, 7.2.10, 7.4.7, 7.4.15, 7.4.16, 8, 8.1, 8.6.2, 8.7.2, 8.8, 8.8.2, 8.9, 8.10		
			US9872024	1	1, 2.16, 2.17, 2.27, 2.35, 2.39, 2.46, 2.49, 6.4.21, 6.4.24, 7.2.10, 7.4.7, 7.4.15, 7.4.16, 8, 8.1, 8.5.2, 8.6.2, 8.7.2, 8.8, 8.8.2, 8.8.4, 8.8.5, 8.8.5.2		
			Family members	CA2454867			
				CA2616751			
				CA2706895			
				CNZL200510116499.3			
	CNZL200710087609.7						
	EP1425922 (AT)						

Dolby International AB	VP9-014	Family members	EP1425922 (BE)		
			EP1425922 (DE)		
			EP1425922 (ES)		
			EP1425922 (FR)		
			EP1425922 (GB)		
			EP1425922 (IE)		
			EP1425922 (IT)		
			EP1425922 (NL)		
			EP1425922 (PT)		
			EP1425922 (SE)		
			EP1425922 (TR)		
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			EP1562384 (IT)		
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			EP1562384 (TR)		
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			EP1838107 (FR)		
			EP1838107 (GB)		
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			EP1838107 (IT)		
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US7907667					
US8040957					
US8891634					
US9124888					
VP9-013	Exemplary Patent/s	JP3688248	3	1, 2, 7.2.10, 8, 8.5, 8.5.2, 8.6, 8.6.1, 8.6.2, 8.7, 8.8, 8.8.2	
		JP4120989	2	2, 7.2.10, 8, 8.5, 8.5.2, 8.6, 8.6.1, 8.6.2, 8.7, 8.8, 8.8.2	
		JP4666411	2	2, 7.2.10, 8, 8.5, 8.5.2, 8.6, 8.6.1, 8.6.2, 8.7, 8.8, 8.8.2	

Dolby International AB	VP9-013	Exemplary Patent/s	JP4723026	1	1, 2, 4.7, 7.2.10, 8.5, 8.5.2, 8.6, 8.6.1, 8.6.2, 8.7, 8.8, 8.8.2, 9.2
			JP4723027	1	1, 2, 4.7, 7, 7.2.10, 8.5, 8.5.2, 8.6, 8.6.1, 8.6.2, 8.7, 8.8, 8.8.2, 9.2
			US7352812	1	1, 2.5, 2.17, 2.22, 2.27, 2.29, 2.30, 2.35, 2.39, 2.41, 2.42, 2.48, 2.49, 2.51, 2.52, 5.23, 5.24, 6.1, 6.2, 6.2.3, 6.2.6, 6.2.8, 6.2.13, 6.2.14, 6.3, 6.3.1, 6.3.12, 6.3.18, 6.4, 6.4.2-6.4.6, 6.4.8, 6.4.10, 6.4.13, 6.4.15-6.4.19, 6.4.21-6.4.24, 6.5, 6.5.1, 6.5.6, 6.5.10-6.5.12, 7.2, 7.2.3, 7.2.5, 7.2.6, 7.2.8, 7.2.11, 7.3, 7.3.1, 7.3.6, 7.4.1, 7.4.3-7.4.5, 7.4.7-7.4.13, 7.4.15, 7.4.16, 8.1, 8.5, 8.5.2, 8.5.2.1, 8.5.2.4, 8.6, 8.6.1, 8.6.2, 8.7.2, 8.8, 8.8.1, 8.8.2, 8.8.3, 8.8.4, 8.8.5, 8.8.5.1, 8.8.5.2
			USRE43628	12	1, 2.16, 2.17, 2.27, 2.35, 2.39, 2.49, 4.7, 6.4.16, 7.2.10, 7.4.7, 8, 8.1, 8.5.2, 8.5.2.3, 8.8, 8.8.2
			USRE44497	19	1, 2.16, 2.17, 2.27, 2.35, 2.39, 2.49, 2.51, 3, 7.2.10, 7.4.7, 8, 8.1, 8.5.2, 8.5.2.3, 8.5.2.4, 8.6.2, 8.8, 8.8.2, 8.10
			USRE46482	19	1, 2.16, 2.17, 2.27, 2.35, 2.39, 2.49, 2.51, 7.2.10, 7.4.7, 8, 8.1, 8.5.2, 8.5.2.3, 8.5.2.4, 8.6.2, 8.8, 8.8.2
			USRE47202	18	1, 2.16, 2.17, 2.27, 2.35, 2.39, 2.49, 2.51, 7.2.10, 7.4.7, 8, 8.1, 8.5.2, 8.5.2.3, 8.5.2.4, 8.6.2, 8.8, 8.8.2
		Family members	EP1727373 (DE)		
			EP1727373 (FR)		
			EP1727373 (GB)		
			EP2278815 (DE)		
			EP2278815 (FR)		
			EP2278815 (GB)		
			HK1134615		
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	HK1149664				
	HK1153596				
	JP3714944				
	JP4565010				
	JP4666413				
	JP4666414				
	JP4666415				
	JP4717136				
	JP4717137				
	JP4717138				
	JP4723024				
	JP4723025				
USRE45250					
VP9-001	Exemplary Patent/s	CA2406459	18	2.3, 2.16, 2.17, 2.19, 2.20, 2.22, 2.25, 2.26, 2.27, 2.41, 2.42, 2.43, 2.51, 2.52, 5.5, 8.5, 8.5.2, 8.5.2.4	
		US6728317	2	2.3, 2.16, 2.17, 2.19, 2.20, 2.22, 2.25, 2.26, 2.27, 2.41, 2.42, 2.43, 2.51, 2.52, 5.5, 8.5, 8.5.2, 8.5.2.4	
VP9-005	Exemplary Patent/s	AU2014204511	1	1, 2.3, 2.10, 2.12, 2.16, 2.17, 2.22, 2.27, 2.49, 2.55, 2.58, 4.7, 5.1, 5.10, 5.26, 6.2, 6.4.17, 7.1, 7.2, 7.3.6, 7.4.12, 8.1, 8.5.2, 8.9, 8.10, B.1, B.4	
		AU2014204513	1	1, 2.3, 2.12, 2.16, 2.17, 2.22, 2.40-2.42, 2.49, 2.59, 5.10, 5.12, 6, 6.1, 6.2, 6.3.18, 6.4, 6.4.3-6.4.5, 6.4.11, 6.4.13, 6.4.16, 6.4.17, 6.4.21, 6.4.26, 7.2, 7.3.6, 7.4.10-7.4.12, 8.1, 8.5.2, 8.6, 8.6.2, 8.10	
		AU2015218514	1	1, 2.3, 2.10, 2.16, 2.17, 2.22, 2.27, 2.49, 2.58, 4.7, 5.10, 5.26, 6.2, 6.4.17, 7.1, 7.2, 7.3.6, 7.4.12, 8.1, 8.5.2, 8.9, 8.10, B.1, B.4	
		IN310087	1	2.2, 2.5, 2.10, 2.12, 2.15, 2.17, 2.22, 2.24, 2.25, 2.26, 2.27, 2.39, 2.42, 2.43, 2.49, 2.52, 2.53, 3, 5.5, 5.10, 5.12, 6.2, 6.3.12, 6.3.18, 6.4.4, 6.4.17, 6.4.20, 7.2, 7.4.12, 7.4.14, 8.1, 8.5, 8.5.2, 8.5.2.3, 8.5.2.4, 8.10	



Dolby International AB	VP9-005	Exemplary Patent/s	<b>MY-170517-A</b>	1	1, 2.3, 2.12, 2.16, 2.17, 2.22, 2.40-2.42, 2.49, 2.59, 5.10, 5.12, 6, 6.1, 6.2, 6.3.18, 6.4, 6.4.3-6.4.5, 6.4.11, 6.4.13, 6.4.16, 6.4.17, 6.4.21, 6.4.26, 7.2, 7.3.6, 7.4.10-7.4.12, 8.1, 8.5.2, 8.6, 8.6.2, 8.10
			<b>US10080035</b>	1	1, 2.3, 2.10, 2.12, 2.16, 2.17, 2.22, 2.27, 2.49, 2.58, 4.7, 5.10, 5.26, 6.2, 6.4.17, 7.1, 7.2, 7.3.6, 7.4.12, 8.1, 8.5.2, 8.9, 8.10, B.1, B.4
			<b>US8559513</b>	1	1, 2.3, 2.12, 2.16, 2.17, 2.22, 2.40-2.42, 2.49, 2.59, 5.10, 5.12, 6, 6.1, 6.2, 6.3.18, 6.4, 6.4.3-6.4.5, 6.4.11, 6.4.13, 6.4.16, 6.4.17, 6.4.21, 6.4.26, 7.2, 7.3.6, 7.4.10-7.4.12, 8.1, 8.5.2, 8.6, 8.6.2, 8.10
			<b>US8699572</b>	1	1, 2.3, 2.10, 2.12, 2.16, 2.17, 2.22, 2.27, 2.49, 2.55, 2.58, 4.7, 5.1, 5.10, 5.26, 6.2, 6.4.17, 7.1, 7.2, 7.3.6, 7.4.12, 8.1, 8.5.2, 8.9, 8.10, B.1, B.4
			<b>US8761257</b>	1	1, 2.3, 2.10, 2.16, 2.17, 2.22, 2.27, 2.49, 2.58, 4.7, 5.10, 5.26, 6.2, 6.4.17, 7.1, 7.2, 7.3.6, 7.4.12, 8.1, 8.5.2, 8.9, 8.10, B.1, B.4
			<b>US8942285</b>	1	2.2, 2.5, 2.10, 2.12, 2.15, 2.17, 2.22, 2.24, 2.25, 2.26, 2.27, 2.39, 2.42, 2.43, 2.49, 2.52, 2.53, 3, 5.5, 5.10, 5.12, 6.2, 6.3.12, 6.3.18, 6.4.4, 6.4.17, 6.4.20, 7.2, 7.4.12, 7.4.14, 8.1, 8.5, 8.5.2, 8.5.2.3, 8.5.2.4, 8.10
	VP9-006	Exemplary Patent/s	<b>AU2013200690</b>	1	2, 2.1, 2.2, 2.3, 2.5, 2.10, 2.11, 2.12, 2.14, 2.16, 2.17, 2.22, 2.25, 2.26, 2.27, 2.37, 2.38, 2.39, 2.41, 2.42, 2.43, 2.49, 2.51, 2.52, 2.53, 2.56, 2.57, 2.59, 2.60, 2.61, 2.62, 5.1, 5.6, 5.12, 5.13, 6.3, 6.3.12, 6.3.13, 6.3.16, 6.3.17, 6.3.18, 6.4, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.13, 6.4.16, 6.4.17, 6.4.18, 6.4.19, 6.4.20, 6.4.21, 6.4.23, 6.5, 6.5.1, 6.5.6, 6.5.7, 6.5.8, 6.5.10, 6.5.11, 6.5.12, 6.5.14, 7.3.6, 7.4.1, 7.4.3, 7.4.12, 7.4.13, 7.4.14, 8.5, 8.5.2, 8.5.2.1
			<b>AU2013206639</b>	1	1, 2.3, 2.5, 2.12, 2.16, 2.17, 2.22, 2.27, 2.39, 2.49, 2.52, 2.53, 2.56, 2.57, 2.59, 2.60, 4.7, 5.6, 6.3, 6.4.3, 6.4.4, 6.4.21, 6.4.23, 7.3.1, 7.4.3, 7.4.4, 8, 8.5, 8.5.2, 8.5.2.1, 8.6.2, 10.2
			<b>AU2015218509</b>	1	1, 2.3, 2.5, 2.12, 2.16, 2.17, 2.22, 2.27, 2.39, 2.49, 2.52, 2.53, 2.56, 2.57, 2.59, 2.60, 4.7, 5.6, 6.4.3, 6.4.21, 6.4.23, 7.4.3, 8.8.5, 8.5.2, 8.5.2.1
			<b>AU2018200702</b>	1	1, 2.3, 2.5, 2.10, 2.12, 2.16, 2.17, 2.22, 2.27, 2.39, 2.49, 2.52, 2.53, 2.56, 2.57, 2.58, 2.59, 5.5, 5.6, 5.26, 6.2, 6.2.7, 6.3.12, 6.4.3, 6.4.4, 6.4.16, 6.4.17, 6.4.21, 6.4.23, 7.1, 7.2.7, 7.3.6, 7.4.3, 7.4.4, 7.4.9, 7.4.11, 7.4.12, 8, 8.1, 8.5, 8.5.2, 8.5.2.1, 10.2, B.1, B.4
			<b>MY-162999-A</b>	1	1, 2.3, 2.5, 2.12, 2.16, 2.17, 2.22, 2.27, 2.39, 2.49, 2.52, 2.53, 2.56, 2.57, 2.59, 2.60, 4.7, 5.6, 6.3, 6.4.3, 6.4.4, 6.4.21, 6.4.23, 7.3.1, 7.4.3, 7.4.4, 8, 8.5, 8.5.2, 8.5.2.1, 8.6.2, 10.2
			<b>MY-171283-A</b>	1	1, 2.3, 2.5, 2.12, 2.16, 2.17, 2.22, 2.27, 2.39, 2.49, 2.52, 2.53, 2.56, 2.57, 2.59, 2.60, 4.7, 5.6, 6.4.3, 6.4.21, 6.4.23, 7.4.3, 8.8.5, 8.5.2, 8.5.2.1
			<b>US8379720</b>	1	2, 2.1, 2.2, 2.3, 2.5, 2.10, 2.11, 2.12, 2.14, 2.16, 2.17, 2.22, 2.25, 2.26, 2.27, 2.37, 2.38, 2.39, 2.41, 2.42, 2.43, 2.49, 2.51, 2.52, 2.53, 2.56, 2.57, 2.59, 2.60, 2.61, 2.62, 5.1, 5.6, 5.12, 5.13, 6.3, 6.3.12, 6.3.13, 6.3.16, 6.3.17, 6.3.18, 6.4, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.13, 6.4.16, 6.4.17, 6.4.18, 6.4.19, 6.4.20, 6.4.21, 6.4.23, 6.5, 6.5.1, 6.5.6, 6.5.7, 6.5.8, 6.5.10, 6.5.11, 6.5.12, 6.5.14, 7.3.6, 7.4.1, 7.4.3, 7.4.12, 7.4.13, 7.4.14, 8.5, 8.5.2, 8.5.2.1
<b>US8526496</b>	1	1, 2.3, 2.5, 2.12, 2.16, 2.17, 2.22, 2.27, 2.39, 2.49, 2.52, 2.53, 2.56, 2.57, 2.59, 2.60, 4.7, 5.6, 6.3, 6.4.3, 6.4.4, 6.4.21, 6.4.23, 7.3.1, 7.4.3, 7.4.4, 8, 8.5, 8.5.2, 8.5.2.1, 8.6.2, 10.2			
<b>US8542738</b>	1	1, 2.3, 2.5, 2.12, 2.16, 2.17, 2.22, 2.27, 2.39, 2.49, 2.52, 2.53, 2.56, 2.57, 2.59, 2.60, 4.7, 5.6, 6.4.3, 6.4.21, 6.4.23, 7.4.3, 8.8.5, 8.5.2, 8.5.2.1			

Dolby International AB	VP9-006	Exemplary Patent/s	US8737472	1	1, 2.3, 2.5, 2.10, 2.16, 2.17, 2.22, 2.27, 2.39, 2.49, 2.52, 2.53, 2.56, 2.57, 2.59, 4.7, 5.5, 5.6, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.19, 6.4.20, 6.4.21, 6.4.23, 6.5.1, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.4.3, 7.4.13, 7.4.14, 8, 8.1, 8.5, 8.5.2, 8.5.2.1, 8.5.2.2, 8.5.2.3, 8.5.2.4, 8.6.2
			US8873632	1	1, 2.3, 2.5, 2.10, 2.12, 2.16, 2.17, 2.22, 2.27, 2.39, 2.49, 2.52, 2.53, 2.56, 2.57, 2.58, 2.59, 4.7, 5.5, 5.6, 6.2.7, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.18, 6.4.19, 6.4.21, 6.4.23, 6.5.1, 6.5.6, 6.5.7, 6.5.10, 6.5.11, 6.5.12, 7.2.7, 7.4.3, 7.4.11, 7.4.13, 8, 8.1, 8.5, 8.5.2
			US9549201	1	1, 2.3, 2.5, 2.10, 2.12, 2.16, 2.17, 2.22, 2.27, 2.39, 2.49, 2.52, 2.53, 2.56, 2.57, 2.58, 2.59, 5.5, 5.6, 5.26, 6.2, 6.2.7, 6.3.12, 6.4.3, 6.4.4, 6.4.16, 6.4.17, 6.4.21, 6.4.23, 7.1, 7.2.7, 7.3.6, 7.4.3, 7.4.4, 7.4.9, 7.4.11, 7.4.12, 8, 8.1, 8.5, 8.5.2, 8.5.2.1, 10.2, B.1, B.4
			US9571855	1	1, 2.3, 2.5, 2.10, 2.12, 2.16, 2.17, 2.22, 2.27, 2.49, 2.52, 2.53, 2.56, 2.57, 2.58, 2.59, 5.26, 5.5, 5.6, 6.2, 6.2.7, 6.3.12, 6.4.3, 6.4.4, 6.4.13, 6.4.16, 6.4.17, 6.4.21, 6.4.23, 7.1, 7.2.7, 7.3.6, 7.4.3, 7.4.4, 7.4.11, 7.4.12, 8, 8.1, 8.5, 8.5.2, 8.5.2.1, 10.2, B.1, B.4
	VP9-007	Exemplary Patent/s	AU2014268171	1	s 1, 2, 2.1, 2.2, 2.24, 2.25, 2.26, 2.27, 2.28, 2.29, 2.31, 5, 5.4, 5.5, 5.10, 5.11, 5.12, 5.25, 7, 7.1, 7.2, 7.3.6, 7.4.12, 8.1, 8.2, 8.5, 8.5.2, 8.5.2.4
			US8767829	1	s 1, 2, 2.1, 2.2, 2.24, 2.25, 2.26, 2.27, 2.28, 2.29, 2.31, 5, 5.4, 5.5, 5.10, 5.11, 5.12, 5.25, 7, 7.1, 7.2, 7.3.6, 7.4.12, 8.1, 8.2, 8.5, 8.5.2, 8.5.2.4
			US8995528	9	1, 2.3, 2.5, 2.16, 2.17, 2.26, 2.27, 2.49, 6.2, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.4.17, 7.2, 7.3.6, 7.4.12, 8, 8.1, 8.5.2, 8.5.2.4
	VP9-009	Exemplary Patent/s	US6507618	13	2.3, 2.19, 2.20, 2.22, 2.28, 2.29, 2.31, 2.41, 2.42, 2.52, 2.54, 2.56, 2.57, 2.60, 5.1, 5.6, 5.14, 6.1, 6.2, 6.2.13, 6.2.14, 6.4, 6.4.2, 6.4.3, 6.4.4, 7.1, 7.2, 7.2.11, 7.4.1, 7.4.2, 7.4.3, 7.4.4
	VP9-015	Exemplary Patent/s	AU2002316666	1	2.12, 2.22, 2.26, 2.27, 2.29, 2.31, 2.52, 2.53, 4.6, 5.12, 6.1, 6.2, 6.3, 6.3.12, 6.3.18, 6.4, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.13, 6.4.16, 6.4.17, 7.2, 7.3.6, 7.4.9, 7.4.12, 8.5, 8.5.2
			MY-154424-A	1	2.12, 2.22, 2.26, 2.27, 2.29, 2.31, 2.52, 2.53, 4.6, 5.12, 6.1, 6.2, 6.3, 6.3.12, 6.3.18, 6.4, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.13, 6.4.16, 6.4.17, 7.2, 7.3.6, 7.4.9, 7.4.12, 8.5, 8.5.2
			SG102730	1	2.12, 2.22, 2.26, 2.27, 2.29, 2.31, 2.52, 2.53, 4.6, 5.12, 6.1, 6.2, 6.3, 6.3.12, 6.3.18, 6.4, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.13, 6.4.16, 6.4.17, 7.2, 7.3.6, 7.4.9, 7.4.12, 8.5, 8.5.2
			US6816552	1	2.12, 2.22, 2.26, 2.27, 2.29, 2.31, 2.52, 2.53, 4.6, 5.12, 6.1, 6.2, 6.3, 6.3.12, 6.3.18, 6.4, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.11, 6.4.13, 6.4.16, 6.4.17, 7.2, 7.3.6, 7.4.9, 7.4.12, 8.5, 8.5.2
		Family members	CA2452504		
			CN100373791		
			JP4339680		
	VP9-012	Exemplary Patent/s	CN100542042	1	1, 2, 8.5.2, 8.6, 8.6.2, 8.7, 8.8, 8.8.2, 8.8.5.1, 8.8.5.2
EP1500197 (DE)			1	8.5.2, 8.6.2, 8.7, 8.8, 8.8.2, 8.8.5.1, 8.8.5.2	
EP1500197 (ES)			1	8.5.2, 8.6.2, 8.7, 8.8, 8.8.2, 8.8.5.1, 8.8.5.2	
EP1500197 (FR)			1	8.5.2, 8.6.2, 8.7, 8.8, 8.8.2, 8.8.5.1, 8.8.5.2	
EP1500197 (GB)			1	8.5.2, 8.6.2, 8.7, 8.8, 8.8.2, 8.8.5.1, 8.8.5.2	
EP1500197 (IT)			1	8.5.2, 8.6.2, 8.7, 8.8, 8.8.2, 8.8.5.1, 8.8.5.2	
EP1500197 (TR)			1	8.5.2, 8.6.2, 8.7, 8.8, 8.8.2, 8.8.5.1, 8.8.5.2	

<b>Dolby International AB</b>	<b>VP9-012</b>	Exemplary Patent/s	<b>IN259767</b>	17	1, 2.3, 2.5, 2.9, 2.10, 2.16, 2.17, 2.22, 2.25, 2.26, 2.27, 2.32, 2.35, 2.41, 2.42, 2.43, 2.48, 2.51, 2.52, 2.59, 2.61, 2.62, 8.5, 8.5.2, 8.6.2, 8.7, 8.7.2, 8.8, 8.8.1, 8.8.2, 8.8.4, 8.8.5, 8.8.5.1
			<b>JP4886985</b>	1	1, 2, 8.5.2, 8.6, 8.6.2, 8.7, 8.8, 8.8.2, 8.8.5, 8.8.5.1, 8.8.5.2
			<b>KR100988984</b>	17	8.5.2, 8.6.2, 8.7.2, 8.8, 8.8.5, 8.8.5.1, 8.8.5.2
			<b>MX249051</b>	17	1, 2.3, 2.5, 2.9, 2.10, 2.16, 2.17, 2.22, 2.25, 2.26, 2.27, 2.32, 2.35, 2.41, 2.42, 2.43, 2.48, 2.51, 2.52, 2.59, 2.61, 2.62, 8.5, 8.5.2, 8.6.2, 8.7, 8.7.2, 8.8, 8.8.1, 8.8.2, 8.8.4, 8.8.5, 8.8.5.1
			<b>MY-135724-A</b>	17	1, 2.3, 2.5, 2.9, 2.10, 2.16, 2.17, 2.22, 2.25, 2.26, 2.27, 2.32, 2.35, 2.41, 2.42, 2.43, 2.48, 2.51, 2.52, 2.59, 2.61, 2.62, 8.5, 8.5.2, 8.6.2, 8.7, 8.7.2, 8.8, 8.8.1, 8.8.2, 8.8.4, 8.8.5, 8.8.5.1
			<b>TH41839</b>	17	1, 2.3, 2.5, 2.9, 2.10, 2.16, 2.17, 2.22, 2.25, 2.26, 2.27, 2.32, 2.35, 2.41, 2.42, 2.43, 2.48, 2.51, 2.52, 2.59, 2.61, 2.62, 8.5, 8.5.2, 8.6.2, 8.7, 8.7.2, 8.8, 8.8.1, 8.8.2, 8.8.4, 8.8.5, 8.8.5.1

<b>Godo Kaisha IP Bridge 1</b>	<b>VP9-046</b>	Exemplary Patent/s	<b>CN101035291</b>	1	1, 2, 3, 5.10, 5.15, 5.25, 6.2, 6.2.11, 6.4.4, 6.4.9, 6.4.16, 6.4.17, 7.4.12, 8.5.2, 8.5.2.4
			<b>CN1312936</b>	1	1, 2, 3, 4.10.1-4.10.10, 5.9.2, 5.9.14, 5.10, 5.11.1, 5.11.2, 5.11.4, 5.11.5, 5.11.23, 5.11.25, 6.8.13, 6.10.24, 7.11.1, 7.11.3.1, 8.1, 8.2.1, and 8.3.1
			<b>EP1739972 (AT)</b>	1	1, 2, 3, 4.10.1-4.10.10, 5.9.2, 5.9.14, 5.10, 5.11.1, 5.11.2, 5.11.4, 5.11.5, 5.11.23, 5.11.25, 6.8.13, 6.10.24, 7.11.1, 7.11.3.1, 8.1, 8.2.1, 8.3.1
			<b>EP1739972 (BE)</b>	1	1, 2, 3, 4.10.1-4.10.10, 5.9.2, 5.9.14, 5.10, 5.11.1, 5.11.2, 5.11.4, 5.11.5, 5.11.23, 5.11.25, 6.8.13, 6.10.24, 7.11.1, 7.11.3.1, 8.1, 8.2.1, 8.3.1
			<b>EP1739972 (CZ)</b>	1	1, 2, 3, 4.10.1-4.10.10, 5.9.2, 5.9.14, 5.10, 5.11.1, 5.11.2, 5.11.4, 5.11.5, 5.11.23, 5.11.25, 6.8.13, 6.10.24, 7.11.1, 7.11.3.1, 8.1, 8.2.1, 8.3.1
			<b>EP1739972 (DE)</b>	1	1, 2, 3, 4.10.1-4.10.10, 5.9.2, 5.9.14, 5.10, 5.11.1, 5.11.2, 5.11.4, 5.11.5, 5.11.23, 5.11.25, 6.8.13, 6.10.24, 7.11.1, 7.11.3.1, 8.1, 8.2.1, 8.3.1
			<b>EP1739972 (ES)</b>	1	1, 2, 3, 4.10.1-4.10.10, 5.9.2, 5.9.14, 5.10, 5.11.1, 5.11.2, 5.11.4, 5.11.5, 5.11.23, 5.11.25, 6.8.13, 6.10.24, 7.11.1, 7.11.3.1, 8.1, 8.2.1, 8.3.1
			<b>EP1739972 (FR)</b>	1	1, 2, 3, 4.10.1-4.10.10, 5.9.2, 5.9.14, 5.10, 5.11.1, 5.11.2, 5.11.4, 5.11.5, 5.11.23, 5.11.25, 6.8.13, 6.10.24, 7.11.1, 7.11.3.1, 8.1, 8.2.1, 8.3.1
			<b>EP1739972 (GB)</b>	1	1, 2, 3, 4.10.1-4.10.10, 5.9.2, 5.9.14, 5.10, 5.11.1, 5.11.2, 5.11.4, 5.11.5, 5.11.23, 5.11.25, 6.8.13, 6.10.24, 7.11.1, 7.11.3.1, 8.1, 8.2.1, 8.3.1
			<b>EP1739972 (IT)</b>	1	1, 2, 3, 4.10.1-4.10.10, 5.9.2, 5.9.14, 5.10, 5.11.1, 5.11.2, 5.11.4, 5.11.5, 5.11.23, 5.11.25, 6.8.13, 6.10.24, 7.11.1, 7.11.3.1, 8.1, 8.2.1, 8.3.1
			<b>EP1739972 (NL)</b>	1	1, 2, 3, 4.10.1-4.10.10, 5.9.2, 5.9.14, 5.10, 5.11.1, 5.11.2, 5.11.4, 5.11.5, 5.11.23, 5.11.25, 6.8.13, 6.10.24, 7.11.1, 7.11.3.1, 8.1, 8.2.1, 8.3.1
			<b>EP1739972 (RO)</b>	1	1, 2, 3, 4.10.1-4.10.10, 5.9.2, 5.9.14, 5.10, 5.11.1, 5.11.2, 5.11.4, 5.11.5, 5.11.23, 5.11.25, 6.8.13, 6.10.24, 7.11.1, 7.11.3.1, 8.1, 8.2.1, 8.3.1
			<b>EP1739972 (SE)</b>	1	1, 2, 3, 4.10.1-4.10.10, 5.9.2, 5.9.14, 5.10, 5.11.1, 5.11.2, 5.11.4, 5.11.5, 5.11.23, 5.11.25, 6.8.13, 6.10.24, 7.11.1, 7.11.3.1, 8.1, 8.2.1, 8.3.1
			<b>EP1742481 (DE)</b>	1	2, 3, 5.1, 5.5, 5.10, 5.15, 6.4.16, 6.4.17, 8.5.2, 8.5.2.4
			<b>EP1742481 (ES)</b>	1	2, 3, 5.1, 5.5, 5.10, 5.15, 6.4.16, 6.4.17, 8.5.2, 8.5.2.4
			<b>EP1742481 (FR)</b>	1	2, 3, 5.1, 5.5, 5.10, 5.15, 6.4.16, 6.4.17, 8.5.2, 8.5.2.4
			<b>EP1742481 (GB)</b>	1	2, 3, 5.1, 5.5, 5.10, 5.15, 6.4.16, 6.4.17, 8.5.2, 8.5.2.4
			<b>EP1742481 (NL)</b>	1	2, 3, 5.1, 5.5, 5.10, 5.15, 6.4.16, 6.4.17, 8.5.2, 8.5.2.4
			<b>JP4722153</b>	1	2, 3, 5.1, 5.5, 5.10, 5.15, 6.4.16, 6.4.17, 8.5.2, 8.5.2.4

Godok Kaisha IP Bridge 1	VP9-046	Exemplary Patent/s	KR100944851	1	1, 2, 3, 4.10.1-4.10.10, 5.9.2, 5.9.14, 5.10, 5.11.1, 5.11.2, 5.11.4, 5.11.5, 5.11.23, 5.11.25, 6.8.13, 6.10.24, 7.11.1, 7.11.3.1, 8.1, 8.2.1, and 8.3.1.
			KR100944852	1	2.25, 2.26, 2.27, 2.49, 2.54, 3, 6.2.11, 6.4.9, 6.4.17, 7.2.10, 7.4.12, 8.5.2, 8.5.4, 8.6.2
		Family members	CN100581260		
			CN101035290		
			EP1450565 (DE)		
			EP1450565 (ES)		
			EP1450565 (FR)		
			EP1450565 (GB)		
			EP1450565 (IT)		
			EP1450565 (NL)		
			EP1739973 (DE)		
			EP1739973 (ES)		
			EP1739973 (FR)		
			EP1739973 (IT)		
			EP1739973 (NL)		
			JP4718578		
			JP4767991		
			KR100944853		
			KR100976672		
			US10080033		
			US9473774		
US9473775					
US9706224					
US9813728					
US9813729					
US9998756					

Xylene Holdings S.A.	VP9-018	Exemplary Patent/s	AU2002353749	1	5.13, 6.4.16, 6.4.18, 7.4.11, 7.4.13, 8.5.2.1, 8.5.2.2, 8.5.2.3
			AU2007219272	1	5.13, 6.4.16, 6.4.18, 7.4.11, 7.4.13, 8.5.2.1, 8.5.2.2, 8.5.2.3
			CA2467496	1	5.13, 6.4.16, 6.4.18, 7.4.11, 7.4.13, 8.5.2.1, 8.5.2.2, 8.5.2.3
			EP1449383 (AT)	1	5.13, 6.4.16, 6.4.18, 7.4.11, 7.4.13, 8.5.2.1, 8.5.2.2, 8.5.2.3
			EP1449383 (BE)	1	5.13, 6.4.16, 6.4.18, 7.4.11, 7.4.13, 8.5.2.1, 8.5.2.2, 8.5.2.3
			EP1449383 (BG)	1	5.13, 6.4.16, 6.4.18, 7.4.11, 7.4.13, 8.5.2.1, 8.5.2.2, 8.5.2.3
			EP1449383 (CH)	1	5.13, 6.4.16, 6.4.18, 7.4.11, 7.4.13, 8.5.2.1, 8.5.2.2, 8.5.2.3
			EP1449383 (CY)	1	5.13, 6.4.16, 6.4.18, 7.4.11, 7.4.13, 8.5.2.1, 8.5.2.2, 8.5.2.3
			EP1449383 (CZ)	1	5.13, 6.4.16, 6.4.18, 7.4.11, 7.4.13, 8.5.2.1, 8.5.2.2, 8.5.2.3
			EP1449383 (DE)	1	5.13, 6.4.16, 6.4.18, 7.4.11, 7.4.13, 8.5.2.1, 8.5.2.2, 8.5.2.3
			EP1449383 (DK)	1	5.13, 6.4.16, 6.4.18, 7.4.11, 7.4.13, 8.5.2.1, 8.5.2.2, 8.5.2.3
			EP1449383 (EE)	1	5.13, 6.4.16, 6.4.18, 7.4.11, 7.4.13, 8.5.2.1, 8.5.2.2, 8.5.2.3
			EP1449383 (ES)	1	5.13, 6.4.16, 6.4.18, 7.4.11, 7.4.13, 8.5.2.1, 8.5.2.2, 8.5.2.3
			EP1449383 (FI)	1	5.13, 6.4.16, 6.4.18, 7.4.11, 7.4.13, 8.5.2.1, 8.5.2.2, 8.5.2.3
			EP1449383 (FR)	1	5.13, 6.4.16, 6.4.18, 7.4.11, 7.4.13, 8.5.2.1, 8.5.2.2, 8.5.2.3
			EP1449383 (GB)	1	5.13, 6.4.16, 6.4.18, 7.4.11, 7.4.13, 8.5.2.1, 8.5.2.2, 8.5.2.3
			EP1449383 (GR)	1	5.13, 6.4.16, 6.4.18, 7.4.11, 7.4.13, 8.5.2.1, 8.5.2.2, 8.5.2.3
			EP1449383 (IE)	1	5.13, 6.4.16, 6.4.18, 7.4.11, 7.4.13, 8.5.2.1, 8.5.2.2, 8.5.2.3
			EP1449383 (IT)	1	5.13, 6.4.16, 6.4.18, 7.4.11, 7.4.13, 8.5.2.1, 8.5.2.2, 8.5.2.3
			EP1449383 (LI)	1	5.13, 6.4.16, 6.4.18, 7.4.11, 7.4.13, 8.5.2.1, 8.5.2.2, 8.5.2.3
			EP1449383 (LU)	1	5.13, 6.4.16, 6.4.18, 7.4.11, 7.4.13, 8.5.2.1, 8.5.2.2, 8.5.2.3

<b>Xylene Holdings S.A.</b>	<b>VP9-018</b>	Exemplary Patent/s	<b>EP1449383 (MC)</b>	1	5.13, 6.4.16, 6.4.18, 7.4.11, 7.4.13, 8.5.2.1, 8.5.2.2, 8.5.2.3
			<b>EP1449383 (NL)</b>	1	5.13, 6.4.16, 6.4.18, 7.4.11, 7.4.13, 8.5.2.1, 8.5.2.2, 8.5.2.3
			<b>EP1449383 (PT)</b>	1	5.13, 6.4.16, 6.4.18, 7.4.11, 7.4.13, 8.5.2.1, 8.5.2.2, 8.5.2.3
			<b>EP1449383 (SE)</b>	1	5.13, 6.4.16, 6.4.18, 7.4.11, 7.4.13, 8.5.2.1, 8.5.2.2, 8.5.2.3
			<b>EP1449383 (SK)</b>	1	5.13, 6.4.16, 6.4.18, 7.4.11, 7.4.13, 8.5.2.1, 8.5.2.2, 8.5.2.3
			<b>EP1449383 (TR)</b>	1	5.13, 6.4.16, 6.4.18, 7.4.11, 7.4.13, 8.5.2.1, 8.5.2.2, 8.5.2.3
			<b>IN218194</b>	1	5.13, 6.4.16, 6.4.18, 7.4.11, 7.4.13, 8.5.2.1, 8.5.2.2, 8.5.2.3
			<b>KR100984612</b>	1	5.13, 6.4.16, 6.4.18, 7.4.11, 7.4.13, 8.5.2.1, 8.5.2.2, 8.5.2.3
			<b>RU2307478</b>	1	5.13, 6.4.16, 6.4.18, 7.4.11, 7.4.13, 8.5.2.1, 8.5.2.2, 8.5.2.3
			<b>ZA200403131</b>	1	5.13, 6.4.16, 6.4.18, 7.4.11, 7.4.13, 8.5.2.1, 8.5.2.2, 8.5.2.3
		Family members	<b>CN100380973</b>		
			<b>JP4440640</b>		