

## VP9 Patent List

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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
		Family members	US9294771		
	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
			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
	VP9-005	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
			MY-170517-A	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
	VP9-006	Exemplary Patent/s	AU2013200690	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
			AU2013206639	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
			AU2015218509	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
			AU2018200702	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
			MY-162999-A	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
			MY-171283-A	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
	VP9-007	Exemplary Patent/s	AU2014268171	1	§ 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

Dolby International AB	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, B.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, B.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, B.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	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	
IN259767			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	
JP4886985			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	
KR100988984			17	8.5.2, 8.6.2, 8.7.2, 8.8, 8.8.5, 8.8.5.1, 8.8.5.2	
MX249051			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	
MY-135724-A			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	
TH41839	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			
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	Exemplary Patent/s	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	
		Family members	US7929610		
VP9-014	Family members	US7450641			
		US7787542			
		US8798173			
VP9-015	Exemplary Patent/s	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	

Dolby International AB	VP9-015	Exemplary Patent/s	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	
Electronics and Telecommunications Research Institute	VP9-022	Exemplary Patent/s	KR1356448	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	
			KR1412176	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	
			KR1461497	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	
			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			
			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	
			Family members	CN103384333		
				CN104219523		
	KR1461496					
	KR1605852					
	US9407937					
	US9942554					
	VP9-023	Exemplary Patent/s	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	
			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	
	VP9-024	Exemplary Patent/s	IDP00005563	1	1, 2, 3, 4.6, 6.5, 8.5	
			IDP00201810978	1	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			
			KR1428030			
KR1461498						
KR1461499						
KR1477771						
US10244252						
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		
		KR1726276				
	Family members	KR1797055				
		KR1894407				
KR1975254						
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		

Electronics and Telecommunications Research	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			
			TW1563836			
			TW1596935			
			TW1619378			
			TW1619379			
			TW1621353			
			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	
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		
VP9-088	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	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		
		TW1612799	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		
		TW1651962	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		
		TW1651963	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		
		TW1653877	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		
	TW1662831	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		
GE Video Compression, LLC	VP9-030	Exemplary Patent/s	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	
			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	

GE Video Compression, LLC	VP9-030	Exemplary Patent/s	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			
			CN108471534			
			CN108471538			
			CN108777793			
			KR101605163			
			KR101951413			
			KR102079664			
	VP9-031	Exemplary Patent/s	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	
	Family members	TW1713356				
	US10460344					
	VP9-093	Exemplary Patent/s	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		
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		
		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		
		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		
		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		
		TW1513277	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	TW1644561			
		TW1725348				
Godok Kaisha IP Bridge 1	VP9-046	Exemplary Patent/s	CN101035291	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	

Godo Kaisha IP Bridge 1	VP9-046	Exemplary Patent/s	CN1312936	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.			
			EP1739972 (AT)	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 (BE)	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 (CZ)	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 (DE)	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 (ES)	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 (FR)	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 (GB)	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 (IT)	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 (NL)	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 (RO)	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 (SE)	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 (DE)	1	2, 3, 5.1, 5.5, 5.10, 5.15, 6.4.16, 6.4.17, 8.5.2, 8.5.2.4			
			EP1742481 (ES)	1	2, 3, 5.1, 5.5, 5.10, 5.15, 6.4.16, 6.4.17, 8.5.2, 8.5.2.4			
			EP1742481 (FR)	1	2, 3, 5.1, 5.5, 5.10, 5.15, 6.4.16, 6.4.17, 8.5.2, 8.5.2.4			
			EP1742481 (GB)	1	2, 3, 5.1, 5.5, 5.10, 5.15, 6.4.16, 6.4.17, 8.5.2, 8.5.2.4			
			EP1742481 (NL)	1	2, 3, 5.1, 5.5, 5.10, 5.15, 6.4.16, 6.4.17, 8.5.2, 8.5.2.4			
			JP4722153	1	2, 3, 5.1, 5.5, 5.10, 5.15, 6.4.16, 6.4.17, 8.5.2, 8.5.2.4			
			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			
			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			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					
			US8184697					
			US8204112					
			US8223841					
			US9473774					
			US9473775					
			US9706224					

Godo Kaisha IP Bridge 1	VP9-046	Family members	US9813728		
			US9813729		
			US9998756		

IDEAHUB Inc.	VP9-036	Exemplary Patent/s	KR1791163	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	
			KR1895362	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	
			KR1927384	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	
			KR1927385	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	
			KR1927386	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	
			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					
	KR1581742					
	KR1650464					
	KR1791164					
KR1927387						
US10212422						
US10827174						
US10939106						
US9838691						

Interdigital Video Technologies, Inc.	VP9-037	Exemplary Patent/s	EP2719182 (DE)	9	2, 2.29, 2.31, 3.33, 5.7, 6.2, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 7.4.3, 7.4.4, 7.4.5, 7.4.9, 8.5.1
			EP2719182 (FR)	9	2, 2.29, 2.31, 3.33, 5.7, 6.2, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 7.4.3, 7.4.4, 7.4.5, 7.4.9, 8.5.1
			EP2719182 (GB)	9	2, 2.29, 2.31, 3.33, 5.7, 6.2, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 7.4.3, 7.4.4, 7.4.5, 7.4.9, 8.5.1
			EP2719182 (NL)	9	2, 2.29, 2.31, 3.33, 5.7, 6.2, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 7.4.3, 7.4.4, 7.4.5, 7.4.9, 8.5.1
			US10728575	7	1, 2, 2.5, 2.10, 2.16, 2.17, 2.22, 2.29, 2.31, 2.33, 2.47, 2.59, 2.61, 4.9.5, 5.7, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 7.4.3, 7.4.4, 7.4.5, 7.4.9, 7.4.15, 8, 8.1, 8.5, 8.5.1, 8.6.2
	VP9-038	Exemplary Patent/s	US10721490	19	1, 2.3, 2.5, 2.16, 2.17, 2.22, 2.27, 2.39, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.5, 6.5.1, 6.5.6, 6.5.7, 6.5.8, 6.5.10, 6.5.11, 8, 8.1
			US9510009	37	1, 2.3, 2.5, 2.16, 2.17, 2.22, 2.27, 2.39, 6.4.4, 6.4.5, 6.4.11, 6.4.16, 6.5, 6.5.1, 6.5.6, 6.5.7, 6.5.8, 6.5.10, 6.5.11, 8, 8.1
		Family members	US10021412		
	VP9-039	Exemplary Patent/s	MY173125-A	34	1, 2.16, 2.17, 5.6, 6.4.4, 6.4.5, 6.4.6, 6.4.10, 6.4.21, 7.4.4, 7.4.8, 8, 8.1, 8.5, 8.5.1
			RU2595515	34	1, 2.16, 2.17, 5.6, 6.4.4, 6.4.5, 6.4.6, 6.4.10, 6.4.21, 7.4.4, 7.4.8, 8, 8.1, 8.5, 8.5.1
			US10080024	34	1, 2.16, 2.17, 5.6, 6.4.4, 6.4.5, 6.4.6, 6.4.10, 6.4.21, 7.4.4, 7.4.8, 8, 8.1, 8.5, 8.5.1
		Family members	CN102893606		

Interdigital Video Technologies,	VP9-039	Family members	JP6023044		
			KR101974656		
			MX341507		
VP9-040	Exemplary Patent/s	CN102484709	19	1, 2, 5.6, 6.1, 6.2, 6.4, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.4, 7.4.5	
		CN104796717	9	1, 2, 5.6, 6.1, 6.2, 6.4, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.4, 7.4.5	
		CN104853203	13	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2	
		CN104853207	5	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2	
		EP2449782 (AT)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2	
		EP2449782 (BE)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2	
		EP2449782 (CH)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2	
		EP2449782 (CZ)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2	
		EP2449782 (DE)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2	
		EP2449782 (DK)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2	
		EP2449782 (ES)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2	
		EP2449782 (FI)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2	
		EP2449782 (FR)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2	
		EP2449782 (GB)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2	
		EP2449782 (GR)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2	
		EP2449782 (HU)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2	
		EP2449782 (IT)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2	
		EP2449782 (NL)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2	
		EP2449782 (PL)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2	
		EP2449782 (PT)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2	
		EP2449782 (RO)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2	
		EP2449782 (SE)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2	
		EP2449782 (SK)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2	
		EP2449782 (TR)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2	
		EP3288268 (AT)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2	
		EP3288268 (BE)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2	
		EP3288268 (CH)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2	
		EP3288268 (CZ)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2	
		EP3288268 (DE)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2	
		EP3288268 (DK)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2	
		EP3288268 (ES)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2	
		EP3288268 (FI)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2	
		EP3288268 (FR)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2	
		EP3288268 (GB)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2	
		EP3288268 (GR)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2	
		EP3288268 (HU)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2	
		EP3288268 (IT)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2	



Interdigital Video Technologies, Inc.	VP9-040	Exemplary Patent/s	EP3288268 (NL)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2
			EP3288268 (PL)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2
			EP3288268 (PT)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2
			EP3288268 (RO)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2
			EP3288268 (SE)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2
			EP3288268 (SK)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2
			EP3288268 (TR)	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2
			HK1212841	9	1, 2, 5.6, 6.1, 6.2, 6.4, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.4, 7.4.5
			HK1213402	5	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2
			JP5918128	6	1, 2, 5.6, 6.1, 6.2, 6.4, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.4, 7.4.5
			JP6415472	1	1, 2, 5.6, 6.1, 6.2, 6.4, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.4, 7.4.5
			JP6688341	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2
			KR101939016	1	1, 2, 5.6, 6.2, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.5, 10.2
			KR102109244	1	1, 2, 5.6, 6.1, 6.2, 6.4, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 7.2, 7.4.3, 7.4.4, 7.4.5
			VP9-041	Exemplary Patent/s	KR101378185
US8363724	57	2.3, 2.16, 2.17, 2.22, 2.49, 5.10, 5.11, 6.2, 7.2, 8.1, 8.5, 8.5.1, 8.5.2, 8.5.2.4, 8.8, 8.9, 8.10			
Family members	CN101491099				
	JP5351020				
VP9-090	Exemplary Patent/s	BRP11011786-5	10	1, 2.3, 2.16, 2.17, 2.23, 2.59, 2.60, 4.8, 4.9, 4.9.1, 4.9.5, 6.1, 6.1.2, 6.2, 6.4, 6.4.2, 6.4.3, 6.4.13, 6.4.4, 6.4.5, 6.4.11, 6.4.13, 7.1, 7.1.2, 7.2, 7.4.9, 8, 8.1, 8.4, 8.4.1, 8.4.4, 9.3, 9.3.1, 9.3.2, 9.3.3, 9.3.4, 10.5	
		CN102474274	10	1, 2.3, 2.16, 2.17, 2.23, 2.59, 2.60, 4.8, 4.9, 4.9.1, 4.9.5, 6.1, 6.1.2, 6.2, 6.4, 6.4.2, 6.4.3, 6.4.13, 6.4.4, 6.4.5, 6.4.11, 6.4.13, 7.1, 7.1.2, 7.2, 7.4.9, 8, 8.1, 8.4, 8.4.1, 8.4.4, 9.3, 9.3.1, 9.3.2, 9.3.3, 9.3.4, 10.5	
		JP5851987	10	1, 2.3, 2.16, 2.17, 2.23, 2.59, 2.60, 4.8, 4.9, 4.9.1, 4.9.5, 6.1, 6.1.2, 6.2, 6.4, 6.4.2, 6.4.3, 6.4.13, 6.4.4, 6.4.5, 6.4.11, 6.4.13, 7.1, 7.1.2, 7.2, 7.4.9, 8, 8.1, 8.4, 8.4.1, 8.4.4, 9.3, 9.3.1, 9.3.2, 9.3.3, 9.3.4, 10.5	
		KR101730200	10	1, 2.3, 2.16, 2.17, 2.23, 2.59, 2.60, 4.8, 4.9, 4.9.1, 4.9.5, 6.1, 6.1.2, 6.2, 6.4, 6.4.2, 6.4.3, 6.4.13, 6.4.4, 6.4.5, 6.4.11, 6.4.13, 7.1, 7.1.2, 7.2, 7.4.9, 8, 8.1, 8.4, 8.4.1, 8.4.4, 9.3, 9.3.1, 9.3.2, 9.3.3, 9.3.4, 10.5	
		TWI538416	10	1, 2.3, 2.16, 2.17, 2.23, 2.59, 2.60, 4.8, 4.9, 4.9.1, 4.9.5, 6.1, 6.1.2, 6.2, 6.4, 6.4.2, 6.4.3, 6.4.13, 6.4.4, 6.4.5, 6.4.11, 6.4.13, 7.1, 7.1.2, 7.2, 7.4.9, 8, 8.1, 8.4, 8.4.1, 8.4.4, 9.3, 9.3.1, 9.3.2, 9.3.3, 9.3.4, 10.5	
		US8674859	10	1, 2.3, 2.16, 2.17, 2.23, 2.59, 2.60, 4.8, 4.9, 4.9.1, 4.9.5, 6.1, 6.1.2, 6.2, 6.4, 6.4.2, 6.4.3, 6.4.13, 6.4.4, 6.4.5, 6.4.11, 6.4.13, 7.1, 7.1.2, 7.2, 7.4.9, 8, 8.1, 8.4, 8.4.1, 8.4.4, 9.3, 9.3.1, 9.3.2, 9.3.3, 9.3.4, 10.5	
VP9-091	Exemplary Patent/s	CN105263020	1	1, 2, 3, 5.6, 6.2, 6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 6.4.23, 7.2, 7.2.2, 7.4.3, 7.4.5, 7.4.15, 8.5.1	
		EP2465265 (AT)	7	1, 2, 6.2, 6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 6.4.23, 7.2, 7.2.2, 7.4.3, 7.4.5, 7.4.16	
		EP2465265 (BE)	7	1, 2, 6.2, 6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 6.4.23, 7.2, 7.2.2, 7.4.3, 7.4.5, 7.4.17	
		EP2465265 (CH)	7	1, 2, 6.2, 6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 6.4.23, 7.2, 7.2.2, 7.4.3, 7.4.5, 7.4.18	
		EP2465265 (CZ)	7	1, 2, 6.2, 6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 6.4.23, 7.2, 7.2.2, 7.4.3, 7.4.5, 7.4.19	
		EP2465265 (DE)	7	1, 2, 6.2, 6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 6.4.23, 7.2, 7.2.2, 7.4.3, 7.4.5, 7.4.20	
		EP2465265 (DK)	7	1, 2, 6.2, 6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 6.4.23, 7.2, 7.2.2, 7.4.3, 7.4.5, 7.4.21	
		EP2465265 (ES)	7	1, 2, 6.2, 6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 6.4.23, 7.2, 7.2.2, 7.4.3, 7.4.5, 7.4.22	
		EP2465265 (FI)	7	1, 2, 6.2, 6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 6.4.23, 7.2, 7.2.2, 7.4.3, 7.4.5, 7.4.23	

Interdigital Video Technologies, Inc.	VP9-091	Exemplary Patent/s	EP2465265 (FR)	7	1, 2, 6.2, 6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 6.4.23, 7.2, 7.2.2, 7.4.3, 7.4.5, 7.4.24
			EP2465265 (GB)	7	1, 2, 6.2, 6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 6.4.23, 7.2, 7.2.2, 7.4.3, 7.4.5, 7.4.25
			EP2465265 (GR)	7	1, 2, 6.2, 6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 6.4.23, 7.2, 7.2.2, 7.4.3, 7.4.5, 7.4.26
			EP2465265 (HU)	7	1, 2, 6.2, 6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 6.4.23, 7.2, 7.2.2, 7.4.3, 7.4.5, 7.4.27
			EP2465265 (IT)	7	1, 2, 6.2, 6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 6.4.23, 7.2, 7.2.2, 7.4.3, 7.4.5, 7.4.28
			EP2465265 (NL)	7	1, 2, 6.2, 6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 6.4.23, 7.2, 7.2.2, 7.4.3, 7.4.5, 7.4.29
			EP2465265 (PL)	7	1, 2, 6.2, 6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 6.4.23, 7.2, 7.2.2, 7.4.3, 7.4.5, 7.4.30
			EP2465265 (PT)	7	1, 2, 6.2, 6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 6.4.23, 7.2, 7.2.2, 7.4.3, 7.4.5, 7.4.31
			EP2465265 (RO)	7	1, 2, 6.2, 6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 6.4.23, 7.2, 7.2.2, 7.4.3, 7.4.5, 7.4.32
			EP2465265 (SE)	7	1, 2, 6.2, 6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 6.4.23, 7.2, 7.2.2, 7.4.3, 7.4.5, 7.4.33
			EP2465265 (SK)	7	1, 2, 6.2, 6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 6.4.23, 7.2, 7.2.2, 7.4.3, 7.4.5, 7.4.34
			EP2465265 (TR)	7	1, 2, 6.2, 6.2.2, 6.4.3, 6.4.4, 6.4.5, 6.4.6, 6.4.21, 6.4.23, 7.2, 7.2.2, 7.4.3, 7.4.5, 7.4.35

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
			KR1588143	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
			KR1668575	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
			KR1729463	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
			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	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
			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
			CN105959691	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
			CN105959692	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
			CN106101705	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
			JP6164600	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
			JP6164660	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

KAIST and KBS	VP9-092	Exemplary Patent/s	JP6851263	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
			JP6851264	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
			JP6851265	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
			KR101250608	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
			KR101644967	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
			KR101644970	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
			KR101648123	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
			KR101785431	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
			KR101857583	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
			KR101857591	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
			KR101857598	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
			KR102062894	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
			US10462494	1	
			US11076175	1	
			US9485512	1	
		US9838719	1		
US9838721	1				
US9838722	1				
US9888259	1				
Family members		JP6846988			
Koninklijke Philips N.V.	VP9-081	Exemplary Patent/s	US8774540	1	2.3, 2.6, 2.10, 2.16, 2.17, 2.22, 2.47, 2.48, 2.52, 2.57, 2.59, 2.60, 2.63, 4.8, 4.9.3-4.9.5, 5.6, 5.14, 5.17, 5.21, 5.23-5.25, 6.1, 6.1.2, 6.2, 6.2.13, 6.3, 6.3.7, 6.4, 6.4.2, 6.4.3, 6.4.4, 6.4.21, 6.4.24, 6.4.26, 7.1, 7.1.2, 7.3, 7.3.5, 7.4.3, 7.4.4, 7.4.15-7.4.17, 8.1, 8.4, 8.4.3, 8.5, 8.5.1, 8.6, 8.6.2, 8.8, 9.2, 9.2.1-9.2.3, 9.3, 9.3.1, 9.3.2, 9.3.3, 9.3.4
Nippon Telegraph and Telephone Corporation	VP9-054	Exemplary Patent/s	CN1922888	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
			EP1781042 (DE)	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
			EP1781042 (FR)	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
			EP1781042 (GB)	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
			KR941495	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
			TWI268715	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		JP05052134	
			US9402087		
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
			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

Orange S.A.	VP9-056	Exemplary Patent/s	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
SK Telecom Co., Ltd.	VP9-060	Exemplary Patent/s	KR1487436	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	KR1464944	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
			KR1464949	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
			KR1483495	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
			KR1534014	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
			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
	Family members	KR1537767			
VP9-062	Exemplary Patent/s	KR1458471	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	
		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	
	Family members	KR1608885			
		KR1608888			
		KR1608895			
		KR1648910			
		US9148660			
		US9491467			
VP9-063	Exemplary Patent/s	KR1364195	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	
		KR1544390	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	
		KR1567963	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	
		KR1567964	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	
		KR1567990	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	







SK Telecom Co., Ltd.	VP9-068	Exemplary Patent/s	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		
		Family members	CN102273206				
			CN103297784				
			CN103297785				
			CN103327338				
			CN103354614				
			KR1316710				
			KR1445835				
			US9392300				
			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		KR1302660					
		KR1369174					
		KR1544379					
		KR1575634					
		KR1575638					
		US9584810					
		US9621895					
		Telefonaktiebolaget LM Ericsson	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	
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			
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			
EP1449383 (MC)	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 (NL)	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 (PT)	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 (SE)	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 (SK)	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 (TR)	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					
IN218194	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					
KR100984612	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					



Telefonaktiebolaget LM	VP9-018	Exemplary Patent/s	RU2307478	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	
			ZA200403131	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	CN100380973			
			JP4440640			
Toshiba Corporation	VP9-078	Exemplary Patent/s	CN102763416	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	
			CN103024391	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	
			JP05323209	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	
			JP05432359	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	
			JP05432412	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	
			JP05525650	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	
			JP05526277	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	
			JP05597782	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, 7.45, 8, 8.1, 10, 10.1, 10.2,	
			JP05696248	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	
			JP05908619	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,	
			US9113138	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.	
			US9113139	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	
			US9143777	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.	
			US9154779	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.	
			US9294768	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.	
			US9392282	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	
			VN16277	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	
			VN17212	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	US9148659		
			Xylene Holdings S.A.	VP9-053	Exemplary Patent/s	CA2795425

Xylene Holdings S.A.	VP9-053	Exemplary Patent/s	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	
			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	
			TW1688267	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	
			TW1765223	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					
TW1520617						
TW1601415						
US10469839						
US10554970						
VP9-079	Exemplary Patent/s	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		
		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		
		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		

Xylene Holdings S.A.	VP9-079	Exemplary Patent/s	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	
			TW1571108	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				
		JP06312787				
		JP6071922				
		KR101723282				
		KR101829594				
		KR101914018				
		KR102013093				
		RU2680199				
		RU2706179				
		SG10201701439W				
SG10201707379S						
TW1581622						
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	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					
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	



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Dolby International AB	VP9-014	Exemplary Patent/s	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					
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	CNZL200710087609.7					
	EP1425922 (AT)					
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Dolby International AB	VP9-014	Family members	EP1838107 (TR)			
			EP2259596 (AT)			
			EP2259596 (BE)			
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			EP2259596 (IT)			
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			EP2259596 (PT)			
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			EP2259596 (TR)			
			HK1106376			
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			JP4372019			
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			JP5216070			
			JP5216071			
			JP5222343			
			JP5346908			
			KR10751670			
			US7613240			
			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
				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
				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			
			HK1149663			
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			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	US10080035	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, 8.1, B.4	
			US8559513	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	



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Dolby International AB	VP9-005	Exemplary Patent/s	US8699572	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
			US8761257	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
			US8942285	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	US8379720	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
			US8526496	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
			US8542738	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
			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	US8767829	1	§ 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
			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
		Family members	CA2452504		
			CN100373791		
			JP4339680		