

DVB-S2X LICENSING PROGRAM - PATENT BROCHURE

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Patent Owner	Family Code	Patent Number	Claim(s)	Sections of the DVB-S2X standard related to exemplary patents
DTVG Licensing	DTV01X	EP 1738586 (DE FR GB)	1	EN 302 307-2 : Sections 4.2; 5.1.8; Annex E
		US 7412209	1	EN 302 307-2: Sections 1, 4.1, 4.2, 4.3, and Annex E
		US 7460832	15	EN 302 307-2: Sections 1, 4.1, 4.2, 4.3, and Annex E
		US 7551736	1	EN 302 307-2: Sections 1, 4.1, 4.2, 4.3, and Annex E
	DTV02X	EP 1741199 (DE ES FR GB IT)	1	EN 302 307-2 : Sections 4.2; 5.1.8; Annex E
		US 8406425	1	EN 302 307-2: Sections 1, 4.1, 4.2, 4.3, and Annex E
	DTV03X	US 9060369	1	EN 302 307-2: Sections 1, 4.1, 4.2, 4.3, and Annex E
ESA - THE EUROPEAN SPACE AGENCY	ESA01X	US 7123663	1	EN 302 307-1: Sections 1, 5.4, 5.4.3, 5.4.4, Annex J; Figures 11, 12; Table 10. EN 302 307-2: Sections 5.4, 5.4.2, 5.4.3, 5.4.4, 6; Figures 5, 6, 7, 8, 9; Tables 10a, 10b, 11a, 11b, 11c, 11d, 11e, 12a, 12b, 12c, 12d, 12e, 20a. Section 5.4.5; Figures 10, 11, 12; Tables 13a, 13b, 13c, 13d, 13e, 13f
FRAUNHOFER-GESELLSCHAFT	FRA01X	EP 2976848 (CZ DE ES FR GB IT NL PL TR)	1	EN 302 307-2: Sections 4.3, E.1, E.2, E.2.1, E.3.6, E.3.6.1, E.3.6.3, E.3.6.3.2, E.3.6.4, E.3.6.6
		HK 1219824		
HUGHES NETWORK SYSTEMS	HUG01X	US 8887024	1	EN 302 307-1: Sections 1, 5.3, 5.3.2, 5.3.2.1, 5.3.2.2; Fig 6; Tables 5a, 5b, 7a, 7b EN 302 307-2: Sections 5.3, 5.3.2, 5.3.2.1, 5.3.2.2, Annex B; Tables 8a, 8b, 8c, B.1-B.10
		US 9246634	1	EN 302 307-2: Sections 1, 4.0, 4.1, 4.2, 4.3, 5.3, 5.3.2, 5.3.2.1, 5.3.2.2, and Annex C
		US 9294131	1	EN 302 307-2: Sections 1, 4.0, 4.1, 4.2, 4.3, 5.3, 5.3.2, 5.3.2.1, 5.3.2.2, and Annex C
	HUG02X	US 8964896	1, 7	EN 302 307-2: Sections 1, 4.1, 4.2, 4.3, 5.1, and 5.5

	HUG03X	US 8929400	1	EN 302 307-2: Sections 3.2, 4.0, 4.1, 4.3, 5.3, 5.4, 5.5, 5.6
		US 9143277	1	EN 302 307-2: Sections 3.2, 4.0, 4.1, 4.3, 5.3, 5.4, 5.5, 5.6
RAI - RADIOTELEVISIONE ITALIANA	RAI01X	EP 3044897 (AT BG BE CH CZ DE DK EE ES FI FR GB HR HU IE IT LU NL PL RO SE SI SK TR)	2, 13	EN 302 307-1: 3, 3.2, Annex D.2, Annex D.3 EN 302 307-2: 2, 2.1, 5, 5.1, 5.1.8, 5.1.8.1, 5.1.8.2, Annex D.1, Annex D.1.1
		US 9883256	2, 14	EN 302 307-1: Sections 4.2, D.2; Figures 1, D.2 EN 302 307-2: Sections 4.3, 5, 5.1, 5.1.1, 5.1.8.1, 5.1.8.2, 5.1.8.3, D.1.1; Figures 2, 3; Table 1
		US 10237630	2, 15	EN 302 307-1: Sections 4.2 and D.2; Figures 1 and D.2. EN 302 307-2: Title; Sections 4.3, 5, 5.1, 5.1.1, 5.1.8.1, 5.1.8.2, 5.1.8.3, D.1.1; Figures 2 and 3; Table 1
		BR 112016005141-6		
		CN 201910478782.2		
		CN ZL201480049347.3		
		HK 1226884		
		IN 459603		
		KR 102283414		
		RU 2658677		
		RU 2681644		
	RAI02X	EP 3025438 (DE ES FR GB IT PL TR)	1, 11	ETSI EN 302 307-2: Introduction, 2.1, 5.1.8.1, 5.1.8.2; Annexes D.1.1; Figure 2. ETSI EN 302 307-1: Introduction; Annex D.3.
		US 10651924	1, 2, 21, 22	ETSI EN 302 307-1: Introduction; Section 4.2. ETSI EN 302 307-2: Sections 4.3, 5.1, 5.1.8.1, 5.1.8.2, 5.1.8.3; Figures 2 and 3; Table 1.
		BR 112016001538-0		
		CN 105659510		
		HK1225437		
		IN 510651		
		KR 102164445		
		RU 2660941		
	RAI03X	EP 2828997 (DE ES FR GB IT)	2, 7	ETSI EN 302 307-2: Clauses 4.2, 4.3, 5.1.5, 5.1.6, 5.3, 5.4, Annexes E.3.4, E.3.4.1, E.3.5.1; Figures E.6, E.8; Table 1. ETSI EN 302 307-1: Clauses 4.2, 5.1.5, 5.1.6, 5.3, 5.4; Figures 1, 3, 6
		HK 1206514		

		IL 234189a		
SONY	SON01X	EP 2660983 (DE FR GB NL)	12	ETSI EN 302 307-1: Sections 1, 3.2, 4, 4.2, 4.3, 5.3, 5.3.2, 5.3.2.1, 5.3.2.2 ETSI EN 302 307-2: Sections 5.3, 5.3.2.2, Annex C
ST ENGINEERING IDIRECT	STE01X	EP 2957084 (BE DE DK ES FR GB IT LU PL SE TR)	1, 4	EN 302 307-1: Sections 5.3, 5.4, 5.4.4, 5.6 EN 302 307-2: Sections 4.3, 5.3, 5.4, 5.4.4, 5.6
		EP 3206354 (BE DE DK ES FR GB IT LU PL SE TR)	1	EN 302 307-1: Sections 1, 5.3, 5.4, 5.4.4, 5.5, 5.6, D.1, D.1.2, Annex G EN 302 307-2: Sections 4, 4.1, 4.2, 4.3, 5, 5.1, 5.1.8, 5.1.8.2, 5.1.8.3, 5.3, 5.4, 5.4.4, 5.6
		US 9306791	1, 2	EN 302 307-1: Sections 4.2, 5.4.3, 5.4.4; Tables 9 and 10; and Figures 1, 11 and 12 EN 302 307-2: Sections 4.3, 5.4, 5.4.3, 5.4.4, 5.4.5, 5.4.6, and 5.4.7; Tables 1, 11a-e, 12a-e, 13a-f, 14a-b, 15a-d; and Figures 6-15
		HK 1239986		
	STE02X	EP 2073400 (BE DE FR GB IT NL)	5, 9	EN 302 307-1: Sections 1, 4.2, 5.5.2, 5.5.2.2, Annex M, M.2, M.2.5 EN 302 307-2: Sections 5.5, 5.5.2, 5.5.2.2, 5.5.2.4, Annex M, M.2.3, M.2.4
	STE03X	EP 3830978 (BE DE DK ES FR GB IT LU LV PL SE SI SK TR)	1	EN 302 307-1: Sections 5.3, 5.5 EN 302 307-2: Annex E (E.2, E.3.7)
		EP 3968543 (AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI)		EN 302 307-1: Sections 5.3, 5.5 EN 302 307-2: Annex E (E.2, E.3.7)
		CN 112514284		
		CN 115459832		
		HK 40042813		
		HK 40070848		
		IL 280532		
		RU 2756688		
		US 11368208		EN 302 307-2: 4.0, 4.1, 4.2, 4.3, 5.3, 5.4, and Annex E
		ZA 2021/01203		
WORK MICROWAVE	WMW01X	DE 102012101802	1, 10	EN 302 307-1: Clauses 4.2, 5.5, 5.5.2, Annex M, M.2, M.2.1, M.2.5 EN 302 307-2: Title, Clauses 4.2, 5.5, 5.5.2, Annex E, E.3.6.3.1, E.3.6.3.4, M, M.2, M.2.1, M.2.5
		EP 2605431 (DE FR GB LU)	7, 8	EN 302 307-1: Clauses 4.2, 5.5, 5.5.2, Annex M, M.2, M.2.1, M.2.5 EN 302 307-2: Title, Clauses 4.2, 5.5, 5.5.2, Annex E, E.3.6.3.1, E.3.6.3.4, M, M.2, M.2.1, M.2.5