

DVB-S2X LICENSING PROGRAM - PATENT TECHNICAL COVERAGE

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Family Code	Reference patent	Family Members	Exemplary Claim(s)	Relevant Sections of the DVB-S2X Standard (ETSI EN 302 307-2 v1.1.1)
DTV01X	EP 1738586		1	EN 302 307-2 : Sections 4.2; 5.1.8; 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
	US 7412209		1	EN 302 307-2: Sections 1, 4.1, 4.2, 4.3, and Annex E
		DE (EP) 1738586		
		FR (EP) 1738586		
		GB (EP) 1738586		
DTV02X	EP 1741199		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
		DE (EP) 1741199		
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		FR (EP) 1741199		
		GB (EP) 1741199		

		IT (EP) 1741199		
DTV03X	US 9060369		1	EN 302 307-2: Sections 1, 4.1, 4.2, 4.3, and Annex E
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
FRA01X	EP 2976848		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
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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
RAI01X	EP 3044897		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
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RAI02X	EP 3025438		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.
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RAI03X	EP 2828997		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
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SON01X	EP 2660983		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
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STE01X	EP 2957084		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
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	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

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