

SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application Number
EP 16 77 6877

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 2014/372624 A1 (WANG JUN [US] ET AL) 18 December 2014 (2014-12-18) * figures 4, 5A, 7A * * paragraph [0006] - paragraph [0010] * * paragraph [0033] - paragraph [0066] * * paragraph [0136] - paragraph [0174] * -----	1-13	INV. H04L29/06 H04L29/08 H04L1/00 H04N21/858
X	"3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Multimedia Broadcast/Multicast Service (MBMS); Enhanced MBMS operation (Release 12)", 3GPP STANDARD; 3GPP TR 26.848, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. SA WG4, no. V12.0.0, 22 December 2014 (2014-12-22), pages 1-61, XP050927301, [retrieved on 2014-12-22] * page 9, line 15 - page 14, line 13 * * figures 4.2.2-1 * * page 16, line 22 - page 16, line 29 * ----- -/--	1-5,9,10	TECHNICAL FIELDS SEARCHED (IPC) H04N
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search The Hague		Date of completion of the search 19 March 2018	Examiner Etienne, Christophe
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document	

1
EPO FORM 1503 03.82 (P04C04)

SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application Number
EP 16 77 6877

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	"3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Multimedia Broadcast/Multicast Service (MBMS); Protocols and codecs (Release 11)", 3GPP STANDARD; 3GPP TS 26.346, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. SA WG4, no. V11.2.0, 13 September 2012 (2012-09-13), pages 1-158, XP050649333, [retrieved on 2012-09-13] * page 16, line 46 - page 36, line 5 * -----	1-13	
			TECHNICAL FIELDS SEARCHED (IPC)
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search The Hague		Date of completion of the search 19 March 2018	Examiner Etienne, Christophe
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

1

EPO FORM 1503 03.82 (P04C04)

EP 16 77 6877

19-03-2018

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2014372624 A1	18-12-2014	CA 2912409 A1	24-12-2014
		CN 105308932 A	03-02-2016
		EP 3011719 A1	27-04-2016
		JP 2016528763 A	15-09-2016
		KR 20160019958 A	22-02-2016
		US 2014372624 A1	18-12-2014
		US 2017230434 A1	10-08-2017
		WO 2014204968 A1	24-12-2014
