



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 17 85 77 76

Classification of the application (IPC):
H04B 1/7183, H04L 7/00, H04W 56/00, H04J 13/12, H04L 27/26

Technical fields searched (IPC):
H04J, H04L

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	MEDIATEK INC: "Synchronization Signal Design in CP-OFDM Based on Time-Frequency Hopping Patterns", 01 October 2016 (2016-10-01) URL: http://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_86b/Docs/ [retrieved on 01 October 2016 (2016-10-01)] XP051159423 * Sections 2. and 3. *	1-15
X	US 2007133462 A1 (GUEY JIANN-CHING [US]) 14 June 2007 (2007-06-14) * figures 1,4 * * paragraph [0053] - paragraph [0059] *	1-15
X	AFIF OSSEIRAN ET AL: "Hopping pilot pattern for interference mitigation in OFDM" <i>PERSONAL, INDOOR AND MOBILE RADIO COMMUNICATIONS, 2008. PIMRC 2008. IEEE 19TH INTERNATIONAL SYMPOSIUM ON, IEEE, PISCATAWAY, NJ, USA</i> , 15 September 2008 (2008-09-15), ISBN: 978-1-4244-2643-0, pages 1-5, XP031371625 * Section II.;figure 1 *	1-15
L	MEDIATEK INC: "Candidate Sequences for NR PSS", 16 January 2017 (2017-01-16) URL: http://www.3gpp.org/ftp/Meetings_3GPP_SYNC/RAN1/Docs/ [retrieved on 16 January 2017 (2017-01-16)] XP051207704 * Section 2. *	1-15

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 Berlin	Date of completion of the search 30 August 2019	Examiner Chave, Julien
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CATEGORY OF CITED DOCUMENTS

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| X: particularly relevant if taken alone | P: intermediate document |
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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 30-08-2019
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2007133462	A1	14-06-2007	EP 1955508 A2	13-08-2008
			EP 2824864 A1	14-01-2015
			TW 200729763 A	01-08-2007
			US 2007133462 A1	14-06-2007
			WO 2007064286 A2	07-06-2007