



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 18 85 38 76

Classification of the application (IPC):
H04W 64/00, H04L 12/26, G01S 5/02, H04B 17/27

Technical fields searched (IPC):
H04B, G01S

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
E	WO 2019040556 A1 (LOCIX INC [US]) 28 February 2019 (2019-02-28) * the whole document *	1-15
X	US 2007200759 A1 (HEIDARI-BATENI GHOBAD [US] ET AL) 30 August 2007 (2007-08-30) * abstract; figures 2-5,8 * * paragraph [0007] - paragraph [0018] * * paragraph [0053] - paragraph [0059] * * paragraph [0119] - paragraph [0120] * * paragraph [0124] - paragraph [0125] *	1-15
X	US 2014136093 A1 (BANIN LEOR [IL] ET AL) 15 May 2014 (2014-05-15) * abstract; figure 4 * * paragraph [0002] - paragraph [0005] * * paragraph [0013] - paragraph [0025] * * paragraph [0043] - paragraph [0054] * * paragraph [0073] *	1-15
A	BIALER ODED ET AL: "Location estimation in multipath environments with unsynchronized base stations" <i>2016 IEEE SENSOR ARRAY AND MULTICHANNEL SIGNAL PROCESSING WORKSHOP (SAM), IEEE</i> , 10 July 2016 (2016-07-10), DOI: 10.1109/SAM.2016.7569638, pages 1-5, XP032962652 * the whole document *	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 Munich	Date of completion of the search 22 April 2021	Examiner Galli, Paolo
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CATEGORY OF CITED DOCUMENTS

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| X: particularly relevant if taken alone | P: intermediate document |
| Y: particularly relevant if combined with another document of the same category | T: theory or principle underlying the invention |
| A: technological background | E: earlier patent document, but published on, or after the filing date |
| O: non-written disclosure | D: document cited in the application |
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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 22-04-2021
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2019040556 A1	28-02-2019	CN 111033294 A	17-04-2020
		EP 3707525 A1	16-09-2020
		JP 2020531824 A	05-11-2020
		US 2019069263 A1	28-02-2019
		WO 2019040556 A1	28-02-2019
US 2007200759 A1	30-08-2007	US 2007200759 A1	30-08-2007
		US 2008258973 A1	23-10-2008
		US 2010283682 A1	11-11-2010
		WO 2007101211 A2	07-09-2007
US 2014136093 A1	15-05-2014	NONE	