



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 15 82 78 15

Classification of the application (IPC):
H04W 72/04, G01S 1/20, G01S 5/02, H04W 64/00

Technical fields searched (IPC):
G01S

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 2014120947 A1 (SIOMINA IANA [SE]) 01 May 2014 (2014-05-01)	1, 9-15
Y	* fig. 1, par. 19-21, 24, 35-40, 47-56, 72-120, 168 *	2-8
X	US 2013130710 A1 (BOYER PETE A [US] ET AL)	1, 9-15
Y	23 May 2013 (2013-05-23) * fig. 3, par. 1, 7, 26-31, 39-62, 74 *	2, 3
Y	WO 2014093400 A1 (MARKHOVSKY FELIX [US]; PREVATT TRUMAN [US]) 19 June 2014 (2014-06-19) * par. 61-476, 501-510 *	4-8

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 02 July 2018	Examiner González Moreno, J
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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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LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-3, 9-15

Positioning using multi-channel LMUs

2. claims: 4-8

Multipath mitigation in positioning

All further search fees have been paid within the fixed time limit. The present (supplementary) European search report has been drawn up for all claims.

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	Date of completion of the search	Examiner
Munich	02 July 2018	González Moreno, J

CATEGORY OF CITED DOCUMENTS

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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 15 82 78 15

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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
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For more details about this annex: see Official Journal of the European Patent Office, No. 12/82

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