



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 19 90 74 20

Classification of the application (IPC):
H04W 4/02, H04L 9/00, H04W 4/12, H04W 4/46, G01C 21/34

Technical fields searched (IPC):
H04L, H04W

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 2018122237 A1 (NASCIMENTO DÁRIO [PT] ET AL)	13
Y	03 May 2018 (2018-05-03) * paragraph [0153] - paragraph [0300] *	1-12
Y	US 2018376305 A1 (RAMALHO DE OLIVEIRA PATRICIA CRISTINA [PT]) 27 December 2018 (2018-12-27) * paragraph [0058] - paragraph [0079] * * paragraph [0102] - paragraph [0265] *	1-12

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 August 2022	Examiner Kraska, Nora
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CATEGORY OF CITED DOCUMENTS

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
& : member of the same patent family, corresponding document	L: document cited for other reasons

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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: 1-13

Identify trustworthiness of signals sent from devices in the vicinity of an autonomous vehicle.

2. claims: 14, 15

Identification and notification in case of abnormal conditions at an infrastructure device.

None of the further search fees have been paid within the fixed time limit. The present (supplementary) European search report has been drawn up for those parts of the European patent application which relate to the first mentioned in the claims, namely claims: 1-13

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 August 2022	Examiner Kraska, Nora
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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
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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 22-08-2022
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2018122237	A1	03-05-2018	NONE	
US 2018376305	A1	27-12-2018	NONE	