



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 18 74 81 77

Classification of the application (IPC):
H05B 47/185, H05B 47/19, H05B 45/20

Technical fields searched (IPC):
H05B

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X Y	US 2016113094 A1 (WAGNER PHILLIP RYAN [US] ET AL) 21 April 2016 (2016-04-21) * figure 1 *	1-4, 8-10 5-7, 11
X Y	US 2016286627 A1 (CHEN HONGXIN [CN] ET AL) 29 September 2016 (2016-09-29) * figure 2 *	12-15 5-7, 11

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 01 December 2020	Examiner Boudet, Joachim
---------------------------	--	-----------------------------

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 |

Disclaimer: this document has been automatically generated using data structured in accordance with WIPO standard ST.36 from the database of search reports of the European Patent Office. For technical reasons, its content and layout may differ from that of the original publication. Only the original published information is legally binding.



ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 18 74 81 77

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 01-12-2020
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 2016113094	A1	21-04-2016	CA	2908835 A1	15-04-2016
			US	2016113094 A1	21-04-2016
US 2016286627	A1	29-09-2016	US	2016286627 A1	29-09-2016
			US	2020053857 A1	13-02-2020
			WO	2014147510 A1	25-09-2014