



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 17 82 12 71

Classification of the application (IPC):
H05B 45/44, H05B 45/37, H05B 45/10, H05B 47/14

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	US 2013200812 A1 (RADERMACHER HARALD JOSEF GUENTHER [DE] ET AL) 08 August 2013 (2013-08-08) * the whole document *	1, 2, 5-8
A	US 8786202 B2 (KIM NAMJIN [KR]; LG ELECTRONICS INC [KR]) 22 July 2014 (2014-07-22) * the whole document *	1-14

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 05 March 2020	Examiner Ferla, Monica
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CATEGORY OF CITED DOCUMENTS

- | | |
|---|--|
| X: particularly relevant if taken alone | P: intermediate document |
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| 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 05-03-2020
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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
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			EP	2630843 A1	28-08-2013
			JP	6143674 B2	07-06-2017
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US 8786202	B2	22-07-2014	KR	20130022123 A	06-03-2013
			US	2013049615 A1	28-02-2013

For more details about this annex: see Official Journal of the European Patent Office, No. 12/82

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