



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 17 87 70 69

Classification of the application (IPC):

H02J 7/00, H02J 1/02, H02J 7/34, H02M 3/00, H02M 3/07, H02M 3/158

Technical fields searched (IPC):

H02M, H02J

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X Y	US 2016190921 A1 (KUMAR PAVAN [US] ET AL) 30 June 2016 (2016-06-30) * paragraph [0013] - paragraph [0025]; figure 1 *	1, 5-8, 12-14 2-4, 9-11
X	WO 2012074967 A1 (HARVARD COLLEGE [US]; KIM WON YOUNG [US] ET AL.) 07 June 2012 (2012-06-07) * paragraphs [0038] - [0045], [0068], [0069]; figure 1 *	1, 5-8, 12-14
X	US 2014232364 A1 (THOMAS MATTHIEU [CZ] ET AL) 21 August 2014 (2014-08-21) * paragraph [0004] - paragraph [0006]; figure 1 *	1, 8
Y	WO 2009017783 A1 (INTERSIL INC [US]) 05 February 2009 (2009-02-05) * abstract; figure 5 * * paragraph [0033] - paragraph [0044] *	2-4, 9-11

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 04 March 2020	Examiner Braccini, Roberto
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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 04-03-2020
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