



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 17 90 46 68

Classification of the application (IPC):
H01M 10/42, H02J 7/00, H02J 7/02

Technical fields searched (IPC):
H02J, H05K

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 2013235527 A1 (WAGNER JON [US] ET AL) 12 September 2013 (2013-09-12) * paragraphs [0018], [0021] - [0027] - paragraphs [0030], [0033], [0038], [0039]; figures 1-10 * * paragraph [0049] *	1-15
X A	WO 2013061799 A1 (HITACHI AUTOMOTIVE SYSTEMS LTD [JP]) 02 May 2013 (2013-05-02) * abstract; figures 1-8 *	1 2-15

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 31 July 2020	Examiner Ossanna, Luca
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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 31-07-2020
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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2013235527	A1	12-09-2013	NONE		
WO 2013061799	A1	02-05-2013	JP	2013094023 A	16-05-2013
			WO	2013061799 A1	02-05-2013