



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 17 91 87 91

Classification of the application (IPC):
H05K 5/02, F24F 1/22

Technical fields searched (IPC):
F24F, H05K

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
Y A	JP 2004037082 A (TOSHIBA CARRIER KK) 05 February 2004 (2004-02-05) * paragraph [0044] - paragraph [0046]; figures 1-6 *	1-3 4
Y A	JP H07303584 A (TEC CORP) 21 November 1995 (1995-11-21) * paragraph [0071] - paragraph [0078]; figures 16-20 *	1-3 4
A	US 2017034373 A1 (SHIGENO HIROAKI [JP]) 02 February 2017 (2017-02-02) * paragraph [0042] - paragraph [0053]; figures 5-7 *	1-4
A	US 2017149223 A1 (SASAKI YOSHIKAZU [JP] ET AL) 25 May 2017 (2017-05-25) * paragraph [0038]; figures 3-7 *	1-4
A	JP 2011114996 A (AUTONETWORKS TECHNOLOGIES LTD; SUMITOMO WIRING SYSTEMS ET AL.) 09 June 2011 (2011-06-09) * paragraph [0031] - paragraph [0035]; figures 1-2 *	1-4

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 25 June 2020	Examiner Anconetani, Mirco
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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 |
| &: member of the same patent family, corresponding document | L: document cited for other reasons |

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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 25-06-2020
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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