



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 77 09 85

Classification of the application (IPC):
H01H 50/04

Technical fields searched (IPC):
H01H

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	JP S62123623 A (HITACHI LTD) 04 June 1987 (1987-06-04)	1-3, 5
Y	* figures 1-12 *	4, 6-16
Y	DE 102018129718 A1 (FUJI ELECTRIC FA COMPONENTS & SYSTEMS CO) 24 October 2019 (2019-10-24) * paragraph [0015]; figures 1-9 *	6-16
Y	KR 200402430 Y1 (N.N.) 30 November 2005 (2005-11-30) * figures 2-5 *	4, 9

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 The Hague	Date of completion of the search 20 September 2022	Examiner Arenz, Rainer
------------------------------	---	---------------------------

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 21 77 09 85

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 20-09-2022
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
JP S62123623 A	04-06-1987	JP H0644441 B2 JP S62123623 A	08-06-1994 04-06-1987
DE 102018129718 A1	24-10-2019	CN 110391111 A DE 102018129718 A1 FR 3080493 A1 JP 6777114 B2 JP 2019192408 A	29-10-2019 24-10-2019 25-10-2019 28-10-2020 31-10-2019
KR 200402430 Y1	30-11-2005	NONE	