



SUPPLEMENTARY PARTIAL EUROPEAN SEARCH REPORT

under Rule 62a and/or 63 of the European Patent Convention. This report shall be considered, for the purposes of subsequent proceedings, as the European search report

Application number:
EP 18 90 42 43

Classification of the application (IPC):
H01H 73/18, H01H 9/36, H01H 33/10

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	CN 107068456 A (GONG ZHU) 18 August 2017 (2017-08-18) * abstract; figures 1-7,27-32 *	1, 2, 4, 7, 12, 13
Y		8, 9
A		5, 10, 11
X	EP 0288040 A2 (MITSUBISHI ELECTRIC CORP [JP]) 26 October 1988 (1988-10-26) * column 4, line 50 - column 5, line 24 * * figures 4A,4B,5A,5B *	1, 2, 6, 13
Y		8, 9
X	CH 681933 A5 (SECHERON SA) 15 June 1993 (1993-06-15) * column 2, line 51 - column 3, line 47 * * figures 3,4 *	1, 6, 13
Y		8, 9
X,D	JP 2006012540 A (HITACHI LTD; HITACHI IND EQUIPMENT SYS) 12 January 2006 (2006-01-12) * abstract; figures 1-3 *	1, 2, 6, 7, 13
Y		8, 9
Y	JP 2015032376 A (FUJI ELEC FA COMPONENTS & SYS) 16 February 2015 (2015-02-16) * abstract; figures 1a-1c *	8
A		1, 13
Y	US 2713101 A (BRABANT YOUNG AUSTIN FREDERICK) 12 July 1955 (1955-07-12) * column 2, line 30 - column 4, line 26 * * figures 1-5 *	9
A		1, 13
INCOMPLETE SEARCH		
The Search Division considers that the present application, or one or more of its claims, does/do not comply with the EPC so that only a partial search (R. 62a, 63) has been carried out.		
Claim(s) completely searchable: 1, 2, 4-13		

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 18 May 2021	Examiner Glaman, C
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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

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Application number:
EP 18 90 42 43

INCOMPLETE SEARCH

Claim(s) not searched:3

Reason for the limitation of the search:

[0001] The search has been restricted to the subject-matter indicated by the applicant in his letter of 25-03-2021 filed in reply to the invitation pursuant to Rule 62a(1) and/or Rule 63(1) EPC.

[0002] The applicant's attention is drawn to the fact that the application will be further prosecuted on the basis of subject-matter for which a search has been carried out - e.g. claims 1, 2 and 4 to 13 - and that the claims should be limited to that subject-matter at a later stage of the proceedings (Rule 62a(2) EPC).

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 18 May 2021	Examiner Glaman, C
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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

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**ANNEX TO SUPPLEMENTARY PARTIAL
EUROPEAN SEARCH REPORT**

 Application number:
EP 18 90 42 43

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 18-05-2021
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	
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			CH	305540 A	28-02-1955
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			US	2713101 A	12-07-1955