



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 17 82 46 31

Classification of the application (IPC):
F16B 5/00, E04B 2/92, E04B 1/68, E06B 3/62

Technical fields searched (IPC):
E04B, E06B

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
A	WO 201111251 A1 (TOSTEM CORP [JP]; NISHIMURA MASAO [JP] ET AL.) 15 September 2011 (2011-09-15) * abstract; figures 1-8 *	1-13, 15
A	US 3526071 A (WATANABE HIROSHI) 01 September 1970 (1970-09-01) * the whole document *	1-13, 15

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: 1-13, 15

Claim(s) not searched: 14

Reason for the limitation of the search:

[0001] Claims 1 and 14 have been drafted as separate independent apparatus claims, having overlapping scopes without reference to each other. Under Article 84 in combination with Rule 43(2) EPC, an application may contain more than one independent claim in a particular category only if the subject-matter claimed falls within one or more of the exceptional situations set out in paragraph (a), (b) or (c) of Rule 43(2) EPC. This is however not the case in the present application.

[0002] The applicant failed to reply to the clarification request dated 06.02.2020.

[0003] The search report is drafted with regard to the first group of claims (claims 1-13 and 15).

[0004] * * * * *

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 03 August 2020	Examiner Couprie, Brice
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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 17 82 46 31

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 03-08-2020
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
WO2011111251	A1	15-09-2011	JP 5523879 B2 18-06-2014
			JP 2011185002 A 22-09-2011
			TW 201131051 A 16-09-2011
			WO 2011111251 A1 15-09-2011
US 3526071	A	01-09-1970	NONE