



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 15 82 78 87

Classification of the application (IPC):

F28F 9/02, F28D 1/053, F28F 13/08, F28F 13/12, F28F 21/04

Technical fields searched (IPC):

F28F

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X A	WO 2014064334 A1 (EKOGEN OY [FI]) 01 May 2014 (2014-05-01) * page 2, line 4 - line 33 * * page 5, line 1 - line 25 * * page 11, line 10 - page 12, line 10 * * figures 1,6a,6b *	1, 3, 5, 6 4
E	EP 3091323 A1 (KYOCERA CORP [JP]) 09 November 2016 (2016-11-09) * paragraph [0013]; figures 1a,1b *	1

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, 3-6

Claim(s) not searched:2

Reason for the limitation of the search:

[0001] In response to the invitation pursuant to Rule 62a (1) EPC the applicant indicated in his letter of 16. 5. 2018 that the search be carried out on the basis of independent claim 1.

[0002] Thus, the search report has been drawn up on the basis of claims 1 and 3 to 6 (Rule 62a(1) 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 17 July 2018	Examiner Arndt, Markus
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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 15 82 78 87

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 17-07-2018
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO2014064334	A1	01-05-2014	NONE	
EP 3091323	A1	09-11-2016	EP 3091323 A1	09-11-2016
			JP 6262770 B2	17-01-2018
			JP WO2015093619 A1	23-03-2017
			US 2017038148 A1	09-02-2017
			WO 2015093619 A1	25-06-2015

For more details about this annex: see Official Journal of the European Patent Office, No. 12/82

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