



## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 17 82 80 42

### Classification of the application (IPC):

F04D 29/62, F04D 29/42, F04D 29/22, F04D 1/00, F04D 13/06, F04D 29/60

### Technical fields searched (IPC):

F04D

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	GB 2417988 A (WEIR PUMPS LTD [GB]) 15 March 2006 (2006-03-15) * page 2, line 6 - page 3, line 20 * * page 8, line 1 - page 11, line 18 * * figures 1-6 *	1, 2
A	US 2955540 A (PAWLICKI STEFAN S) 11 October 1960 (1960-10-11) * column 2, line 11 - column 3, line 6 * * figures 1-7 *	1, 2
A	US 8579603 B2 (OKLEJAS ROBERT A [US]; TERRASI KEVIN V [US] ET AL.) 12 November 2013 (2013-11-12) * column 3, line 21 - column 8, line 28 * * figures 1-36 *	1, 2

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 February 2020	Examiner Lovergine, A
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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 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 03-02-2020  
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
GB 2417988	A	15-03-2006	NONE	
US 2955540	A	11-10-1960	NONE	
US 8579603	B2	12-11-2013	EP 1766235 A2	28-03-2007
			US 2006013707 A1	19-01-2006
			WO 2006017338 A2	16-02-2006