



## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 18 80 52 66

**Classification of the application (IPC):**  
F01K 23/10, F01K 25/08, F02C 6/08, F01K 13/02, F01K 9/00, F01K 25/10

**Technical fields searched (IPC):**  
F01K

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
Y A	US 2011066298 A1 (FRANCINO PETER N [US] ET AL) 17 March 2011 (2011-03-17) * paragraphs [0020] - [0032]; figures 1-5 *	1-7, 10-15 8, 9
Y	US 2011041502 A1 (ZIMRON OHAD [IL] ET AL) 24 February 2011 (2011-02-24) * paragraphs [0027] - [0031]; figure 2 *	1-7, 10, 12-15
Y	US 2011203278 A1 (KOPECEK HERBERT [DE] ET AL) 25 August 2011 (2011-08-25) * paragraphs [0016] - [0022]; figure 1 *	1-7, 10-15
Y	WO 2011011831 A1 (UNIV QUEENSLAND [AU]; GURGENCI HALIM [AU] ET AL.) 03 February 2011 (2011-02-03) * page 5, line 1 - page 11, line 8; figures 1-5 *	1-7, 10-15
A	US 4506508 A (COERS DON H [US] ET AL) 26 March 1985 (1985-03-26) * column 4, line 45 - column 6, line 40; figure 1 *	1-15

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 19 January 2021	Examiner Röberg, Andreas
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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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EP 18 80 52 66

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 19-01-2021  
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