



## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 19 76 39 84

### Classification of the application (IPC):

*F04D 17/10, F04D 17/12, F04D 29/053, F04D 29/28, F04D 29/58, F04D 29/70, F25B 1/053, F25B 1/06, F25B 1/10, F25B 31/00*

### Technical fields searched (IPC):

F04B, F04D, F25B

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	DE 102013215327 A1 (BAYERISCHE MOTOREN WERKE AG [DE])	1-9
Y	05 February 2015 (2015-02-05)	1, 12-19
A	* paragraphs [0006], [0012], [0024], [0025] * * figures 1-6 *	10, 11
Y	US 6038875 A (HASELDEN GEOFFREY GORDON [GB])	1, 12-19
A	21 March 2000 (2000-03-21) * column 2, line 40 - column 3, line 14 * * figures 1, 3 *	2-11

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 02 March 2021	Examiner De Tobel, David
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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 02-03-2021  
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 102013215327	A1	05-02-2015	NONE	
US 6038875	A	21-03-2000	NONE	