



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 18 78 08 46

Classification of the application (IPC):
F01N 3/20, F01N 9/00, F01N 3/04, G25B 1/04, F01N 3/10

Technical fields searched (IPC):
F01N

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
E	EP 3607179 A1 (BASF CORP [US]) 12 February 2020 (2020-02-12) * page 13, line 14 - page 14, line 26 * * page 31, line 23 - line 27; figures 5,15 *	1-18
X	FR 2941499 A1 (PEUGEOT CITROEN AUTOMOBILES SA [FR]) 30 July 2010 (2010-07-30)	1-5, 9-14, 16-18
A	* page 4, line 22 - page 6, line 12 * * page 8, line 9 - line 27; figures 1,3 *	6-8, 15
X	DE 4103668 A1 (BAYERISCHE MOTOREN WERKE AG [DE]) 13 August 1992 (1992-08-13)	1-5, 7-12, 16-18
A	* column 2, line 20 - column 2, line 39; figure 1 *	6, 15
X	DE 102014217450 A1 (BOSCH GMBH ROBERT [DE]) 03 March 2016 (2016-03-03)	1-4, 7-14, 16-18
X	JP 2010203335 A (NISSAN MOTOR) 16 September 2010 (2010-09-16) * paragraph [0064]; figure 6 *	1, 4, 7-12, 14, 16, 18

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 25 June 2020	Examiner Zebst, Marc
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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 25-06-2020
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