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SUPPLEMENTARY EUROPEAN SEARCH **REPORT**

Application number: EP 16 77 20 77

Classification of the application (IPC): F28F 1/30, F24F 1/18, F25B 39/02, F28D 1/053, F28F 1/32, F28F 17/00

Technical fields searched (IPC): F28F

DOCUMENTS CONSIDERED TO BE RELEVANT							
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim					
Y	EP 0021651 A1 (BORG WARNER [US]) 07 January 1981 (1981-01-07) * page 4, line 14 - page 5, line 25; figures 1, 2 *	1-8					
Y	JP 3264156 B2 (HITACHI LTD) 11 March 2002 (2002-03-11) * paragraphs [0005] - [0008]; figures 1-5, 9 *	1-8					
A	EP 1985957 A1 (CALSONIC KANSEI CORP [JP]) 29 October 2008 (2008-10-29) * the whole document *	1-8					
А	JP H0277477 U (XXXX) 14 June 1990 (1990-06-14) * the whole document *	1-8					

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Date of completion of the search Place of search Examiner Munich 21 November 2018 Axters, Michael

CATEGORY OF CITED DOCUMENTS

- X: particularly relefant if taken alone
 Y: particularly relefant if
- particularly relefant if combined with another document of the same category
- technological background
- O: non-written disclosure
- &: member of the same patent family, corresponding document
- intermediate document
- theory or principle underlying the invention earlier patent document, but published on, or after the filing date

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- document cited in the application
- L: document cited for other reasons



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 21-11-2018

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