



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 17 79 95 70

Classification of the application (IPC):
F15B 15/08, F15B 15/14, F15B 15/04

Technical fields searched (IPC):
F15B

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	DE 202007005803 U1 (BERENDS REINER [DE]) 20 September 2007 (2007-09-20) * figures 1,2; examples 5,6,8,7,10,4a,4b,2a,2b,1a,1b,1c,1d,3a,3b,3c *	1-15
X	US 4718330 A (MITTON BRUCE W [US]) 12 January 1988 (1988-01-12) * figures 1,2; examples 12,17,32,22,24,150,158,152,160,146,148,154,156,144 *	1-15
X A	JP H01148105 U (ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD.) 13 October 1989 (1989-10-13) * figures 1,2,3; examples 4,24,18,8,9,32,36,16,25,27,34,35 *	1-5, 11-14 6-10
X	DE 9411004 U1 (BLUETHGEN WILFRIED DIPL ING [DE]) 18 August 1994 (1994-08-18) * figure 1; examples 12a,12b, 6a,7a,8a,6b,7b,8b21a,21b,13a,13b,9a,9b,9c *	1-15
X	EP 1148253 A2 (HOERBIGER HYDRAULIK [DE]) 24 October 2001 (2001-10-24) * paragraphs [0023], [0025]; figures 1,2,3; examples 6,7,8,9,4,10,12,11,18,19,16,17 *	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 04 November 2019	Examiner Deligiannidis, N
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CATEGORY OF CITED DOCUMENTS

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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 04-11-2019
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			EP 1148253 A2	24-10-2001
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