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SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 16 80 79 99

Classification of the application (IPC):

**B23K 35/02, B23K 35/36, B23K 9/24, B23K 9/04, B23K 9/167, B23K 9/173,
B23K 9/18, B23K 35/30, B23K 35/362, B23K 26/34, B23K 101/00, B23K 103/18**

Technical fields searched (IPC):

B23K

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
Y	US 2003062356 A1 (JIANG QI FEN [CA]) 03 April 2003 (2003-04-03) * paragraph [0011] * * figure 1 *	1-10
Y	US 3701444 A (CLEMENT RENE ET AL) 31 October 1972 (1972-10-31) * column 4, lines 12-33 *	1-10
Y	GB 722236 A (WILLIAM KING BATES MARSHALL; ROCKWELD LTD) 19 January 1955 (1955-01-19) * page 1, paragraph 45-53 * * page 2, lines 32-44 *	1-10
A	US 2004079742 A1 (KELLY THOMAS JOSEPH [US]) 29 April 2004 (2004-04-29) * the whole document *	1-10
A	US 5272305 A (ENDO SHIGERU [JP] ET AL) 21 December 1993 (1993-12-21) * the whole document *	1-10
A	US 2613304 A (COLINET RENE D) 07 October 1952 (1952-10-07) * the whole document *	1-10
A	US 5575933 A (NI JIAN M [CA]) 19 November 1996 (1996-11-19) * the whole document *	1-10

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 07 September 2018	Examiner Martinavicius, A
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CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone
Y: particularly relevant if combined with another document of the same category
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D: document cited in the application
L: document cited for other reasons

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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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EP 16 80 79 99

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 07-09-2018
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