



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 16 87 50 26

Classification of the application (IPC):

B23K 9/04, B23K 5/18, B23K 10/02, B23K 13/00, B23K 17/00, B33Y 10/00,
B33Y 30/00, B33Y 40/00, B23K 9/16, B23K 37/00, B23K 37/04

Technical fields searched (IPC):

B23K

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X Y	EP 0529816 A1 (PRINZ FRITZ B [US]; WEISS LEE E [US]) 03 March 1993 (1993-03-03) * column 3, lines 25-29; figures 1-6 * * column 4, lines 17-28 * * column 5, lines 14-18,32,33 * * column 6, line 54 - column 7, line 10 *	1-4, 6, 7 5
A	CN 105057846 A (SUZHOU U P WEAR RESISTANCE COMPOUND MATERIALS CO LTD) 18 November 2015 (2015-11-18) * abstract; claim 1 *	1
A	US 8738166 B2 (ABE SATOSHI [JP]; TAKENAMI MASATAKA [JP] ET AL.) 27 May 2014 (2014-05-27) * abstract; figures 1(b),2(b) *	1-7
X	US 2002147521 A1 (MOK STEVEN SIONG CHEAK [SG] ET AL) 10 October 2002 (2002-10-10) * paragraphs [0026], [0027], [0034], [0035], [0096], [0123], [0124], [0126]; figures 4a,4b,8,9,11a,11b *	1-7
A	WO 2015189600 A2 (EX SCINTILLA LTD [GB]) 17 December 2015 (2015-12-17) * page 1, lines 1,2,7-16; figures 1,10b,12,28 * * page 1, line 29 - page 2, line 3 * * page 2, lines 16,21,22,27,28,30,31,33-35 * * page 3, lines 2-25,28-33 * * page 4, lines 13-22 *	1-7
Y	US 2015027996 A1 (ZAFFINO PASCAL [CA] ET AL) 29 January 2015 (2015-01-29) * figure 6 *	5

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 09 October 2019	Examiner Seiderer, Jens
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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 09-10-2019
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