



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 17 75 05 26

Classification of the application (IPC):

B23B 27/00, B23B 29/00, B23B 51/00, B23C 5/00, B23B 27/16, B23C 5/22

Technical fields searched (IPC):

B23B

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X,D	US 2011008576 A1 (KOUZNETSOV VLADIMIR [SE] ET AL) 13 January 2011 (2011-01-13) * paragraph [0116] *	1, 8
A,D	US 5738468 A (BOIANJIU GIDEON [IL]) 14 April 1998 (1998-04-14)	1, 7, 8
A,D	J. FLEISCHER ET AL: "Improving tool life by varying resilience and damping properties in close proximity of the cutting edge" <i>PRODUCTION ENGINEERING</i> DE 20 December 2008 (2008-12-20), vol. 2, no. 4, DOI: 10.1007/s11740-008-0126-0, ISSN: 0944-6524, pages 357-364, XP055616525	1, 7, 8
A,D	FU QILIN ET AL: "High dynamic stiffness mechanical structures with nanostructured composite coatings deposited by high power impulse magnetron sputtering" <i>CARBON, ELSEVIER, OXFORD, GB</i> , 24 October 2015 (2015-10-24), vol. 98, DOI: 10.1016/J.CARBON.2015.10.074, ISSN: 0008-6223, pages 24-33, XP029373234 * figure 2 *	5
A,D	ABDIL KUS ET AL: "Thermocouple and Infrared Sensor-Based Measurement of Temperature Distribution in Metal Cutting" <i>SENSORS</i> , 12 January 2015 (2015-01-12), vol. 15, no. 1, DOI: 10.3390/s150101274, pages 1274-1291, XP055616436	1, 7, 8
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A	US 2011020074 A1 (CHEN SHI [US] ET AL) 27 January 2011 (2011-01-27) * figure 11 * * paragraph [0123] * * paragraph [0116] *	1

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 29 August 2019	Examiner Rabolini, Marco
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CATEGORY OF CITED DOCUMENTS

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DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
A	US 5226489 A (WOODS GERALD L [US] ET AL) 13 July 1993 (1993-07-13) * figures *	1
X A	WO 9801250 A1 (SANDVIK AB [SE]; HEDBERG ANNA [SE]; TJERNSTROEM ERIC [SE]) 15 January 1998 (1998-01-15) * abstract; figures *	1, 8 2-7
A	JP 2003062758 A (ENOMOTO CO LTD) 05 March 2003 (2003-03-05) * figures *	1, 2
A	US 5193945 A (NAKAYAMA MASAOKI [US] ET AL) 16 March 1993 (1993-03-16) * figures * * the whole document *	1, 7, 8
X A	US 3292237 A (FISHER KENNETH R) 20 December 1966 (1966-12-20) * the whole document *	1, 5, 6 2-4, 7, 8
T	US 2018282845 A1 (KIM DOHYANG [KR] ET AL) 04 October 2018 (2018-10-04)	
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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 29 August 2019	Examiner Rabolini, Marco
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