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(54) Title: FREE-MACHINING WROUGH ALUMINIUM ALLY PRODUCT AND PROCESS FOR PRODUCING SUCH AN ALLOY PRODUCT

(57) Abstract: The present relates to a free-machining wrought AlMgSi-alloy product, preferably in extruded form, for machining or free-cutting applications and wherein it contains, in weight %: Si 0.6-2.0, Fe 0.2-1.0, Mg 0.5-2.0, Cu max 1.0, Mn max 1.5, Zn max 1.0, Cr max 0.35, Ti max 0.35, Zr 0.04-0.3, impurities max 0.05 each, total max 0.15, Al balance, and further to a process for producing such a free-machining alloy product.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C22C21/02 C22C21/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C22C C22F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, CHEM ABS Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 687 743 A (FURUKAWA ELECTRIC CO LTD) 20 December 1995 (1995-12-20) page 4, line 5 - page 6, line 9; examples 1,2,4-8,10,11,13; table 1 claims 1,2	1-18
X	US 5 342 459 A (KLEMP THOMAS J ET AL) 30 August 1994 (1994-08-30) column 4, line 31 - column 6, line 12	12,13
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Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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P document published prior to the international filing date but later than the priority date claimed	

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>PATENT ABSTRACTS OF JAPAN vol. 0182, no. 42 (C-1197), 10 May 1994 (1994-05-10) -& JP 06 025783 A (KOBE STEEL LTD), 1 February 1994 (1994-02-01) * examples 1-2, upper part of table 1, page 4 * abstract * examples 1-2, 5-6, 8, 10-11, lower part of table 1, page 4 *</p>	1-13
X	<p>----- WO 02/38821 A (NORSK HYDRO AS ; REISO ODDVIN (NO); TUNDAL ULF (NO)) 16 May 2002 (2002-05-16) page 13, line 16 - page 19, line 3; examples 1-3; tables 1,3,4,6,7 page 3, line 11 - line 12; claims 1,12 -----</p>	1-13

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Information on patent family members

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