

Title (en)

ALUMINUM ALLOY FOR CUTTING PROCESSING, AND ALUMINUM ALLOY WORKED ARTICLE MADE OF THE SAME

Title (de)

ALUMINIUMLEGIERUNG FÜR DIE SCHNEIDVERARBEITUNG UND DARAUS HERGESTELLTER BEARBEITETER  
ALUMINIUMLEGIERUNGSGEGENSTAND

Title (fr)

ALLIAGE D'ALUMINIUM DESTINE A UN PROCEDE DE COUPAGE ET ARTICLE USINE EN ALLIAGE D'ALUMINIUM

Publication

**EP 1549778 A4 20060405 (EN)**

Application

**EP 03754054 A 20031009**

Priority

- JP 0312938 W 20031009
- JP 2002296268 A 20021009
- US 48363503 P 20030701

Abstract (en)

[origin: WO2004033740A1] An aluminum alloy for cutting processing consists essentially of Cu: 1 to 6.5 mass%, Zn: 0.05 to 1 mass%, Bi: 0.1 to 1 mass%, Sn: 0.1 to 1 mass%, B: 100 mass ppm or less, or further includes at least one element as a selective additional element selected from the group consisting of Fe: 0.05 to 1 mass%, Mg: 0.01 to 0.3 mass%, Si: 0.05 to 1 mass% and Ti: 0.01 to 0.5 mass%.

IPC 1-7

**C22C 21/12**

IPC 8 full level

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CPC (source: EP US)

**C22C 21/003** (2013.01 - EP US); **C22C 21/16** (2013.01 - EP US); **C22C 21/18** (2013.01 - EP US)

Citation (search report)

- [X] US 6113850 A 20000905 - BARTGES CHARLES W [US], et al
- [E] EP 1359233 A2 20031105 - FURUKAWA ELECTRIC CO LTD [JP]
- [A] SPIEKERMANN P: "LEGIERUNGEN - EIN BESONDERES PATENTRECHTLICHES PROBLEM? - LEGIERUNGSPRUEFUNG IM EUROPÄISCHEN PATENTAMT -", MITTEILUNGEN DER DEUTSCHEN PATENTANWÄLTE, HEYMANN, KOLN., DE, 1993, pages 178 - 190, XP000961882, ISSN: 0026-6884
- [X] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 21 3 August 2001 (2001-08-03)
- [X] PATENT ABSTRACTS OF JAPAN vol. 013, no. 156 (C - 585) 14 April 1989 (1989-04-14)
- See references of WO 2004033740A1

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CN106609330A; CN106609329A

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DOCDB simple family (publication)

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