

Title (en)

ALLOY AND METHOD FOR PRODUCING OBJECTS THEREFROM

Title (de)

LEGIERUNG UND VERFAHREN ZUM HERSTELLEN VON GEGENSTÄNDEN AUS DIESER LEGIERUNG

Title (fr)

ALLIAGE ET PROCEDE DE PRODUCTION D'OBJETS A PARTIR DE CET ALLIAGE

Publication

**EP 1012353 B1 20021127 (DE)**

Application

**EP 98945174 A 19980807**

Priority

- DE 19737957 A 19970830
- DE 19801941 A 19980120
- EP 9805017 W 19980807

Abstract (en)

[origin: US6531089B1] Aluminum alloy containing a fraction of uniformly distributed particles, preferably silicon particles, of less than 20% by weight, so as to increase the wear resistance, prior to processing or machining under hot conditions, and process for producing wear-resistant objects from such an aluminum alloy.

IPC 1-7

**C22C 1/10**; **C23C 4/12**

IPC 8 full level

**B22F 3/11** (2006.01); **B22F 3/115** (2006.01); **C22C 1/04** (2006.01); **C22C 1/10** (2006.01); **C22C 21/02** (2006.01); **C22C 32/00** (2006.01); **C22F 1/043** (2006.01); **C23C 4/12** (2006.01)

CPC (source: EP US)

**B22F 3/1125** (2013.01 - EP US); **B22F 3/115** (2013.01 - EP US); **C22C 1/0416** (2013.01 - EP US); **C22C 1/1042** (2013.01 - EP US); **C22C 21/02** (2013.01 - EP US); **C22C 32/00** (2013.01 - EP US); **C22C 32/0063** (2013.01 - EP US); **C22F 1/043** (2013.01 - EP US)

Cited by

DE102004007704A1; US7892482B2

Designated contracting state (EPC)

AT DE ES FR GB IE SE

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**US 6531089 B1 20030311**; AT E228580 T1 20021215; EP 1012353 A1 20000628; EP 1012353 B1 20021127; JP 2001515141 A 20010918; WO 9911834 A1 19990311

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**US 48651100 A 20000508**; AT 98945174 T 19980807; EP 9805017 W 19980807; EP 98945174 A 19980807; JP 2000508836 A 19980807