

Title (en)
Free-cutting copper alloys

Title (de)
Automatenlegierung auf Kupferbasis

Title (fr)
Alliage de décolletage à base de cuivre.

Publication
EP 1502964 A1 20050202 (EN)

Application
EP 04077560 A 19981116

Priority

- EP 98953070 A 19981116
- JP 28792198 A 19981009

Abstract (en)
Free-cutting alloys with industrially satisfactory machinability comprising 69 to 79 percent, by weight, of copper, 2.0 to 4.0 percent, by weight, of silicon; 0.02 to 0.4, by weight, of lead and the remaining percent, by weight, of zinc. <IMAGE>

IPC 1-7
C22C 9/04; C22F 1/08

IPC 8 full level
C22F 1/00 (2006.01); **C22C 9/04** (2006.01); **C22F 1/08** (2006.01)

CPC (source: EP KR)
C22C 9/04 (2013.01 - EP KR); **C22F 1/08** (2013.01 - EP)

Citation (search report)

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Designated contracting state (EPC)
BE DE FI FR GB IT SE

DOCDB simple family (publication)
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CA 2303512 A1 20000420; CA 2303512 C 20060711; DE 69828818 D1 20050303; DE 69828818 T2 20060105; DE 69833582 D1 20060427;
DE 69833582 T2 20070118; DE 69835912 D1 20061026; DE 69835912 T2 20070308; EP 1502964 A1 20050202; EP 1502964 B1 20060301;
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KR 20010033101 A 20010425; TW 577931 B 20040301; WO 0022181 A1 20000420

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DE 69835912 T 19981116; EP 04077560 A 19981116; EP 04077561 A 19981116; JP 28792198 A 19981009; JP 9805156 W 19981116;
KR 20007006464 A 20000609; TW 88103870 A 19990312