

Title (en)

Use of a tin rich copper-tin-iron alloy

Title (de)

Verwendung einer zinnreichen Kupfer-Zinn-Eisen-Legierung

Title (fr)

Utilisation d'une alliage riche en étain de cuivre-étain-fer

Publication

EP 1063310 B1 20040915 (DE)

Application

EP 00111778 A 20000603

Priority

DE 19928330 A 19990621

Abstract (en)

[origin: EP1063310A1] Use of a copper-based alloy containing (in wt.%) 12-20 tin, 0.2-5 iron and a balance of copper for the manufacture of components of vehicles and general machines is new.

IPC 1-7

C22C 9/02

IPC 8 full level

C22C 9/02 (2006.01)

CPC (source: EP)

C22C 9/02 (2013.01)

Citation (examination)

DIES K.: "kupfer und Kupfriegierungen in der Technik", 1967, SPRINGER VERLAG BERLIN, DEUTSCHLAND, pages: 507 - 508

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1063310 A1 20001227; EP 1063310 B1 20040915; AT E276378 T1 20041015; DE 19928330 A1 20010104; DE 19928330 C2 20030116; DE 50007736 D1 20041021; ES 2228344 T3 20050416; JP 2001064741 A 20010313

DOCDB simple family (application)

EP 00111778 A 20000603; AT 00111778 T 20000603; DE 19928330 A 19990621; DE 50007736 T 20000603; ES 00111778 T 20000603; JP 2000182608 A 20000619