

Title (en)
COPPER-BASED ALLOY

Title (de)
LEGIERUNG AUF KUPFERBASIS

Title (fr)
ALLIAGE A BASE DE CUIVRE

Publication
EP 1608789 A2 20051228 (FR)

Application
EP 04706595 A 20040130

Priority
• CH 2004000051 W 20040130
• CH 4962003 A 20030321

Abstract (en)
[origin: CH693948A5] A corrosion resistant alloy has the following composition, by wt: (a) 43 to 48% of copper; (b) 33 to 38% of zinc; (c) 10 to 15% of nickel; (d) 3.5 to 6.5% of manganese; (e) 0 to 4% of lead. Independent claims are also included for the following: (a) a writing instrument made of this alloy; and (b) a method for the fabrication of this alloy.

IPC 1-7
C22C 9/04

IPC 8 full level
C22C 9/04 (2006.01)

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

Citation (search report)
See references of WO 2004083471A2

Cited by
DE102013008822A1; DE102012004725A1; DE102012004725B4; WO2012104426A2; WO2014187544A1; US9637808B2; WO2013131604A2; US9617629B2; US9738961B2; DE102009021336A1; DE102009021336B4

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
CH 693948 A5 20040514; AT E374843 T1 20071015; BR PI0408610 A 20060307; CN 100439537 C 20081203; CN 1761768 A 20060419; DE 602004009297 D1 20071115; DE 602004009297 T2 20080710; DK 1608789 T3 20080107; EP 1608789 A2 20051228; EP 1608789 B1 20071003; ES 2293213 T3 20080316; HK 1088932 A1 20061117; JP 2006520850 A 20060914; KR 20050108405 A 20051116; MX PA05009635 A 20060308; MY 149452 A 20130830; TW 200502411 A 20050116; TW I314164 B 20090901; US 2006065336 A1 20060330; US 9080226 B2 20150714; WO 2004083471 A2 20040930; WO 2004083471 A3 20041118

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CH 4962003 A 20030321; AT 04706595 T 20040130; BR PI0408610 A 20040130; CH 2004000051 W 20040130; CN 200480007512 A 20040130; DE 602004009297 T 20040130; DK 04706595 T 20040130; EP 04706595 A 20040130; ES 04706595 T 20040130; HK 06109179 A 20060818; JP 2006504141 A 20040130; KR 20057017404 A 20050916; MX PA05009635 A 20040130; MY PI20040799 A 20040308; TW 93107257 A 20040318; US 23091405 A 20050920