

Title (en)

COPPER ALLOY, WHICH CONTAINS IRON AND PHOSPHOR

Title (de)

KUPFERLEGIERUNG, DIE EISEN UND PHOSPHOR ENTHÄLT

Title (fr)

ALLIAGE DE CUIVRE, QUE CONTIENT DE FER ET PHOSPHORE

Publication

EP 3041966 B1 20180530 (DE)

Application

EP 14809274 A 20140829

Priority

- DE 102013014501 A 20130902
- DE 2014000435 W 20140829

Abstract (en)

[origin: WO2015027975A2] The invention relates to a copper alloy which is constituted of iron (Fe) 0.02 - 4.00, phosphorous (P) 0.01 - 0.50 in % by weight, and at least one element from the following group: sulphur (S) 0.10 - 0.80, manganese (Mn) 0.01 - 0.80, tellurium (Te) 0.10 - 1.00, wherein the alloy is exempt of beryllium (Be) and lead (Pb) and selectively contains aluminium (Al) max. 0.50, chromium (Cr) max. 0.50, magnesium (Mg) max. 0.50, zirconium (Zr) max. 0.50, zinc (Zn) max. 2.50, tin (Sn) max. 2.50, boron (B) max. 0.50, silver (Ag) max. 0.50, the remainder being copper (Cu) and impurities resulting from fusion.

IPC 8 full level

C22C 9/00 (2006.01); **C22C 9/04** (2006.01)

CPC (source: EP)

C22C 9/00 (2013.01); **C22C 9/04** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2015027975 A2 20150305; WO 2015027975 A3 20151112; DE 102013014501 A1 20150305; EP 3041966 A2 20160713; EP 3041966 B1 20180530; ES 2675143 T3 20180709; HU E038253 T2 20181029; HU E038253 T4 20181128; PL 3041966 T3 20180928

DOCDB simple family (application)

DE 2014000435 W 20140829; DE 102013014501 A 20130902; EP 14809274 A 20140829; ES 14809274 T 20140829; HU E14809274 A 20140829; PL 14809274 T 20140829