

Title (en)

NICKEL-FREE WHITE CUZN ALLOY AND USE OF SAME

Title (de)

NICKELFREIE WEISSE CUZN-LEGIERUNG UND VERWENDUNG DERSELBEN

Title (fr)

ALLIAGE CUZN BLANC SANS NICKEL ET UTILISATION DUDIT ALLIAGE

Publication

EP 3156510 B1 20180613 (DE)

Application

EP 16002090 A 20160927

Priority

DE 102015013201 A 20151009

Abstract (en)

[origin: KR20170042474A] The present invention relates to a nickel-free white Cu-Zn alloy, comprising: 63.0-67.0 wt% of copper (Cu); 0.01-0.15 wt% of lead (Pb); 0.01-0.2 wt% of iron (Fe); 1.3-2.5 wt% of aluminum (Al); 12.0-15.0 wt% of manganese (Mn); and the balance of zinc (Zn) and unavoidable impurities.

IPC 8 full level

C22C 9/04 (2006.01)

CPC (source: EP KR US)

C22C 9/04 (2013.01 - EP KR US); **C22C 9/05** (2013.01 - EP US)

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)

EP 3156510 A1 20170419; EP 3156510 B1 20180613; DE 102015013201 A1 20170413; DE 102015013201 B4 20180329; JP 2017133094 A 20170803; KR 20170042474 A 20170419; US 10041149 B2 20180807; US 2017101701 A1 20170413

DOCDB simple family (application)

EP 16002090 A 20160927; DE 102015013201 A 20151009; JP 2016199050 A 20161007; KR 20160128147 A 20161005; US 201615285693 A 20161005