

Title (en)

COPPER-TIN ALLOY, COMPOSITE MATERIAL AND USE THEREOF

Title (de)

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Title (fr)

ALLIAGE CUIVRE-ÉTAIN, MATÉRIAU COMPOSITE ET UTILISATION

Publication

EP 2340318 B1 20170215 (DE)

Application

EP 09744964 A 20091027

Priority

- EP 2009007669 W 20091027
- DE 102008054183 A 20081031

Abstract (en)

[origin: WO2010049118A1] The invention relates to a copper-tin alloy, comprising 0.2 to 0.8 wt % Sn, 0.1 to 0.6 wt % Ni and / or Co, 0 to 0.05 wt % Zn, 0 to 0.2 wt % Fe, 0.008 to 0.05 wt % P and the remainder Cu. The invention furthermore relates to a corresponding composite material having a base material of such an alloy and to applicable uses thereof. The technological and physical properties are comparable to those of a CuFe2P alloy. However, the alloy according to the invention and a tinned composite material derived herefrom can be easily recycled.

IPC 8 full level

C22C 9/02 (2006.01)

CPC (source: EP KR US)

C22C 9/02 (2013.01 - EP KR US); **Y10T 428/12389** (2015.01 - EP US); **Y10T 428/12715** (2015.01 - EP US)

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

WO 2010049118 A1 20100506; BR PI0921441 A2 20160105; CN 102177265 A 20110907; CN 102177265 B 20140709; EP 2340318 A1 20110706; EP 2340318 B1 20170215; ES 2623604 T3 20170711; JP 2012506952 A 20120322; KR 20110079638 A 20110707; RU 2011121810 A 20121210; RU 2482204 C2 20130520; US 2011206941 A1 20110825

DOCDB simple family (application)

EP 2009007669 W 20091027; BR PI0921441 A 20091027; CN 200980139788 A 20091027; EP 09744964 A 20091027; ES 09744964 T 20091027; JP 2011533596 A 20091027; KR 20117007862 A 20091027; RU 2011121810 A 20091027; US 200913126219 A 20091027