

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

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Application

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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

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