

Title (en)

Method of manufacturing wires of Cu-Ag alloys

Title (de)

Verfahren zur Herstellung von Drähten aus Cu-Ag-Legierungen

Title (fr)

Procédé de fabrication de fils d'alliages Cu-Ag

Publication

EP 2873475 B1 20181017 (EN)

Application

EP 14461523 A 20140404

Priority

PL 40344313 A 20130405

Abstract (en)

[origin: EP2873475A1] A method of manufacturing wires, including microwires, of Cu-Ag alloys, in particular of alloys of Cu-(3÷7.9)% Ag by weight, consisting in that the materials in the form of high chemical purity copper and silver are melted at a temperature of 1083÷1300 C in a graphite crucible placed in a furnace, and subsequently continuously cast at a temperature of 1083÷1300 C, in an inert gas atmosphere, using a graphite mould, at primary cooling conditions (mould cooling) and secondary cooling conditions (the solidified alloy after leaving the mould). Thus obtained casting is subjected to the thermo-mechanical treatment.

IPC 8 full level

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CPC (source: EP)

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Cited by

CN115141946A; CN113736970A; CN108368565A; EP3460080A4; CN114645153A; US10626483B2

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DOCDB simple family (publication)

EP 2873475 A1 20150520; **EP 2873475 B1 20181017**; ES 2706474 T3 20190329; HU E041639 T2 20190528; LT 2873475 T 20190325; PL 221274 B1 20160331; PL 2873475 T3 20190430; PL 403443 A1 20141013; SI 2873475 T1 20190531

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