

Title (en)

COPPER-ALLOY WIRE ROD AND MANUFACTURING METHOD THEREFOR

Title (de)

WALZDRAHT AUS EINER KUPFERLEGIERUNG UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

FIL EN ALLIAGE DE CUIVRE, ET PROCÉDÉ DE FABRICATION DE CELUI-CI

Publication

**EP 2868757 B1 20190116 (EN)**

Application

**EP 13812970 A 20130702**

Priority

- JP 2012148919 A 20120702
- JP 2013068159 W 20130702

Abstract (en)

[origin: EP2868757A1] {Problem to solve} To provide, at low cost, a copper alloy wire that is excellent in physical strength, elongation, and electrical conductivity, and that is suitable for the use in, for example, magnet wires. {Means to solve} A copper alloy wire containing 0.5 mass% or more of Ag and 0.05 mass% or more of Mg, with the balance being Cu and unavoidable impurities, wherein the copper alloy wire has a tensile strength of 350 MPa or more and an elongation of 7% or more; and a production method.

IPC 8 full level

**C22C 9/00** (2006.01); **C22F 1/08** (2006.01); **H01B 1/02** (2006.01); **H01B 5/02** (2006.01); **H01B 13/00** (2006.01)

CPC (source: EP KR)

**B22D 21/00** (2013.01 - KR); **C22C 9/00** (2013.01 - EP KR); **C22F 1/08** (2013.01 - EP KR); **H01B 1/026** (2013.01 - EP KR)

Cited by

CN105401044A; US10626483B2

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DOCDB simple family (publication)

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**EP 13812970 A 20130702**; CN 201380015359 A 20130702; JP 2013068159 W 20130702; JP 2013554697 A 20130702; KR 20147026033 A 20130702