

Title (en)

Process for producing water-bearing copper cast parts with lowered tendency of migration by annealing

Title (de)

Verfahren zur Herstellung von wasserführenden Kupfer-Gussteilen mit durch Glühen verringerter Migrationsneigung

Title (fr)

Procédé de fabrication de pièces coulées en cuivre, dont la tendance de migration est réduite par recuit

Publication

EP 1818423 A3 20070822 (DE)

Application

EP 07008709 A 20050728

Priority

EP 05016381 A 20050728

Abstract (en)

[origin: EP1818423A2] Production of a water-guiding cast fitting of a drinking water pipe comprises casting a copper-tin, copper-tin-zinc or copper-silicon-zinc alloy containing at least 80 wt.% copper, annealing the cast part at 400-800[deg]C for at least 30 minutes and cooling in ambient air.

IPC 8 full level

C22F 1/08 (2006.01); **C22C 9/02** (2006.01); **C22C 9/04** (2006.01)

CPC (source: EP)

C22C 9/02 (2013.01); **C22C 9/04** (2013.01); **C22F 1/08** (2013.01)

Citation (search report)

- [XA] EP 0947592 B1 20030326 - TOTO LTD [JP]
- [A] GB 1443090 A 19760721 - ANACONDA CO
- [A] DAVIS J R: "Copper and Copper Alloys", ASM SPECIALTY HANDBOOK: COPPER AND COPPER ALLOYS, 2001, USA, pages 386, 390, XP002440251

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1749897 A1 20070207; **EP 1749897 B1 20071017**; AT E376076 T1 20071115; DE 502005001747 D1 20071129; EP 1818423 A2 20070815; EP 1818423 A3 20070822; ES 2294604 T3 20080401

DOCDB simple family (application)

EP 05016381 A 20050728; AT 05016381 T 20050728; DE 502005001747 T 20050728; EP 07008709 A 20050728; ES 05016381 T 20050728