

Title (en)
LOW-MIGRATION COPPER ALLOY

Title (de)
MIGRATIONSSARME KUPFERLEGIERUNG

Title (fr)
ALLIAGE DE CUIVRE PEU SENSIBLE AUX MIGRATIONS

Publication
EP 1817438 A1 20070815 (DE)

Application
EP 06840971 A 20061213

Priority

- EP 2006012008 W 20061213
- EP 05027341 A 20051214
- EP 06840971 A 20061213

Abstract (en)
[origin: EP1798298A1] A copper alloy is used in the production of components for drinking water pipes and their fittings. The alloy contains (wt. %): 2.8-4 silicon; 1-15 zinc; 0.05-2 manganese; 80-96.95 copper; and optionally 0.05-0.4 aluminum and 0.05-2 tin. An independent claim is also included for a component made from the above copper alloy used for the production of drinking water pipes.

IPC 8 full level
C22C 9/10 (2006.01); **C22C 9/04** (2006.01)

CPC (source: EP US)
C22C 9/04 (2013.01 - EP US); **C22C 9/10** (2013.01 - EP US)

Citation (search report)
See references of WO 2007068470A1

Cited by
DE102013012288A1; EP2290114A1; WO2015010768A1; EP3260561A1

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 1798298 A1 20070620; EP 1798298 B1 20071205; EP 1798298 B2 20160504; AT E380259 T1 20071215; AT E409753 T1 20081015; DE 502005002181 D1 20080117; DE 502006001675 D1 20081113; EP 1817438 A1 20070815; EP 1817438 B1 20081001; ES 2297598 T3 20080501; ES 2297598 T5 20160603; ES 2314946 T3 20090316; JP 2009519377 A 20090514; JP 4838859 B2 20111214; NO 20083081 L 20080709; US 2009214380 A1 20090827; WO 2007068470 A1 20070621

DOCDB simple family (application)
EP 05027341 A 20051214; AT 05027341 T 20051214; AT 06840971 T 20061213; DE 502005002181 T 20051214; DE 502006001675 T 20061213; EP 06840971 A 20061213; EP 2006012008 W 20061213; ES 05027341 T 20051214; ES 06840971 T 20061213; JP 2008544870 A 20061213; NO 20083081 A 20080709; US 9561506 A 20061213