

Title (en)

Use of a low-migration copper alloy and parts made of such alloy

Title (de)

Verwendung einer migrationsarmen Kupferlegierung sowie Bauteile aus dieser Legierung

Title (fr)

Utilisation d'un alliage de cuivre à faible migration et pièces en cet alliage

Publication

EP 1798298 B2 20160504 (DE)

Application

EP 05027341 A 20051214

Priority

EP 05027341 A 20051214

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)

Cited by

DE102012013817A1; DE102010055055B3; WO2020187758A1; EP1801250B1; DE202009016240U1; DE202016101661U1; EP3225707A1; WO2017167441A2

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

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