

Title (en)

Corrosion resistant brass alloy for parts suitable for use in drinking water service

Title (de)

Korrosionsbeständige Messinglegierung für Trinkwasserformteile

Title (fr)

Alliage de laiton résistant à la corrosion pour pièces en contact avec l'eau potable

Publication

**EP 1439238 B1 20110413 (DE)**

Application

**EP 04000423 A 20040112**

Priority

DE 10301552 A 20030116

Abstract (en)

[origin: EP1439238A1] Use of a brass alloy for corrosion resistant drinking water molded parts is new. The alloy contains (in wt.%) 63.1-63.9 Cu, 0.5-1.1 Pb, 0.01-0.06 Fe, 0.01-0.1 Mn, 0.01-0.1 Ni, 0.001-0.02 Si, 0.001-0.005 Cr, 0.001-0.05 Al, 0.006-0.08 As, 0.005-0.08 Bi, 0.001-0.005 P, 0.001-0.05 Sb, 0.001-0.005 S, 0.001-0.01 Te, 0.001-0.02 Cd, 0.001-0.02 Se, 0.001-0.02 Ag, 0.05-0.3 Sn, 0-0.1 Be, B, Co, Mg, Ti and Zr, and a balance of Zn.

IPC 8 full level

**C22C 9/04** (2006.01)

CPC (source: EP)

**C22C 9/04** (2013.01)

Cited by

CN104087782A; CN102560190A; CN111101017A; CN103725919A; CN104087781A; CN103469004A; CN104722901A; CN105400987A; CN102477498A; DE102013003817A1; CN103509967A; CN110117736A; US9263609B2; WO2007134843A3; WO2014135180A1; WO2014135181A1

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DOCDB simple family (publication)

**EP 1439238 A1 20040721; EP 1439238 B1 20110413**; AT E505566 T1 20110415; DE 10301552 B3 20040624; DE 502004012390 D1 20110526

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