

Title (en)

CORROSION-RESISTANT COPPER ALLOY FOR PIPINGS, TANKS OR THE LIKE FOR FLOWING LIQUIDS, PARTICULARLY FOR COLD AND/OR HOT WATER PIPES

Publication

EP 0238859 A3 19890607 (DE)

Application

EP 87102491 A 19870221

Priority

DE 3605796 A 19860222

Abstract (en)

[origin: EP0238859A2] The object is to develop a corrosion-resistant copper material which can be used to receive flowing media such as water or steam. To improve the cavitation corrosion and stress-corrosion cracking, it is proposed to add to the copper blending components selected from the constituents aluminium/silicon, titanium/niobium, arsenic/phosphorus, nickel/chromium and germanium/gallium within certain limit values which are between 0.1 and not more than 8%. <IMAGE>

IPC 1-7

C22C 9/01; **C22C 9/06**

IPC 8 full level

C22C 9/01 (2006.01); **C22C 9/06** (2006.01)

CPC (source: EP)

C22C 9/06 (2013.01)

Citation (search report)

- [A] US 3993479 A 19761123 - CHESKIS HARVEY P, et al
- [A] US 3259491 A 19660705 - PRYOR MICHAEL J

Cited by

EP0579904A1; AT392176B; EP0678586A1; WO2021136847A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0238859 A2 19870930; **EP 0238859 A3 19890607**; **EP 0238859 B1 19910821**; AT E66496 T1 19910915; DE 3605796 A1 19870326; DE 3772233 D1 19910926; ES 2023831 B3 19920216

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