

Title (en)

BRASS WITH IMPROVED DEZINCIFICATION RESISTANCE AND MACHINABILITY

Title (de)

MESSING MIT VERBESSERTEM ENTZINKUNGSWIDERSTAND UND VERBESSERTER BEARBEITBARKEIT

Title (fr)

LAITON PRÉSENTANT UNE MEILLEURE RÉSISTANCE À LA DÉZINCIFICATION ET UNE MEILLEURE USINABILITÉ

Publication

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Application

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Priority

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- SE 2015050103 W 20150130

Abstract (en)

[origin: WO2015115989A2] The present invention concerns an essentially arsenic-free brass alloy with improved (i) dezincification resistance, (ii) machinability, and (iii) protection against intergranular grain boundary corrosion, wherein said brass alloy comprises 62-68 % by weight of Cu, 0.02-1.00 % by weight of Pb, 0.2-0.6 % by weight of P, 0.02- 0.06 % by weight of Sb, and balance Zn, and the brass alloy being characterized in that it comprises <5 % of β -phase, preferably <1 %. In addition, the invention concerns a method for the production of said brass alloy.

IPC 8 full level

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Citation (opposition)

Opponent : Otto Fuchs - Kommanditgesellschaft

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