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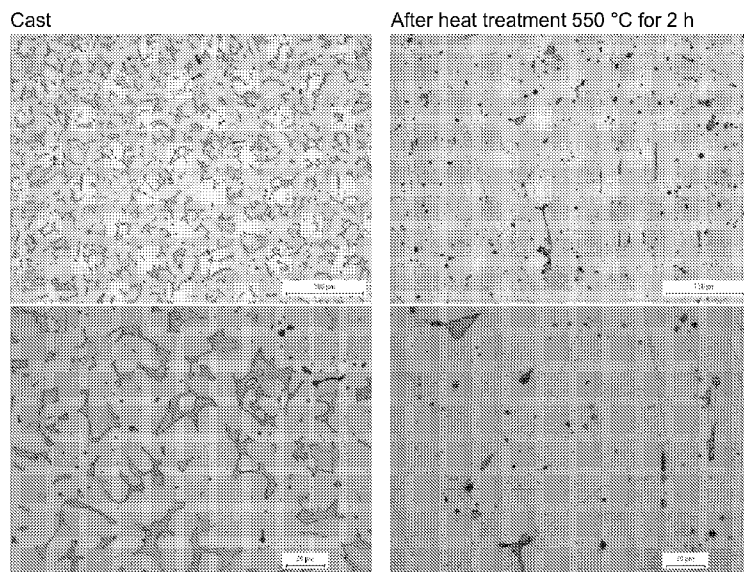
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(54) Title: BRASS WITH IMPROVED DEZINCIFICATION RESISTANCE AND MACHINABILITY

Figure 1

Alloy 10: 0.03 % by weight of P, 0.03 % by weight of Sb

(57) Abstract: 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.

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