

Title (en)

COPPER ALLOY FOR USE IN A MEMBER FOR WATER WORKS

Title (de)

KUPFERLEGIERUNG ZUR VERWENDUNG IN EINEM ELEMENT FÜR EIN WASSERWERK

Title (fr)

ALLIAGE DE CUIVRE POUR ÉLÉMENT D'ALIMENTATION EN CENTRE DE DISTRIBUTION DES EAUX

Publication

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Application

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Priority

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Abstract (en)

[origin: EP3279347A1] It is an object of the present invention to obtain a copper alloy for use in a member for water works which inhibits leaching of Pb and exhibits suitable mechanical properties and castability, while restraining the amount of usage of Bi but securing the recyclability. The alloy of the present invention contains 0.5% by mass or less of Ni; 12% by mass or more and 21 % by mass or less of Zn; 1.5% by mass or more and 4.5% by mass or less of Sn, a total content of Zn and Sn being 23.5% by mass or less; 0.005% by mass or more and 0.15% by mass or less of P; 0.05% by mass or more and 0.30% by mass or less of Pb; less than 0.2% by mass of Bi; and the balance, wherein the balance is Cu and unavoidable impurities.

IPC 8 full level

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