

Title (en)

METHOD FOR PRODUCING A COPPER-BASED WHITE ALLOY FOR PRODUCING NATURALLY ANTIBACTERIAL ARTICLES

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER WEISSMETALLLEGIERUNG AUF KUPFERBASIS ZUR HERSTELLUNG VON NATÜRLICHERWEISE ANTIBAKTERIELLEN ARTIKELN

Title (fr)

PROCEDE DE PRODUCTION D'ALLIAGE BLANC A BASE DE CUIVRE POUR PRODUIRE DES ARTICLES NATURELLEMENT ANTIBACTERIENS

Publication

EP 2161349 B1 20181017 (EN)

Application

EP 09008026 A 20090619

Priority

IT TO20080649 A 20080901

Abstract (en)

[origin: EP2161349A1] Use of a copper-based white alloy for producing articles with antibacterial properties, preferably intended to be employed in the health and/or food field, in which the desired white colour is imparted by adding manganese to the alloy; the latter and possibly other alloying elements, except for impurities, are present in an amount such as to determine machinability, colour and surface properties of the alloy, similar to those of stainless steel, and simultaneously intrinsic antibacterial properties of the articles on respective exposed surfaces thereof.

IPC 8 full level

C22C 9/05 (2006.01); **C22F 1/08** (2006.01)

CPC (source: EP)

C22C 9/05 (2013.01); **C22F 1/08** (2013.01)

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