

Title (en)

Copper-zinc-manganese alloy for the production of articles coming into direct and prolonged contact with the human skin

Title (de)

Kupfer-Zink-Manganlegierung zur Herstellung von Gegenständen, die in längeren direkten Kontakt mit der menschlichen Haut kommen

Title (fr)

Alliage cuivre-zinc-manganèse pour la fabrication d'articles venant en contact direct et prolongé avec la peau humaine

Publication

EP 0685564 B1 20000112 (EN)

Application

EP 94830269 A 19940531

Priority

EP 94830269 A 19940531

Abstract (en)

[origin: EP0685564A1] An alloy suitable for replacing Cu-Ni-Zn alloys for use in spectacles and other opticians' products, jewellery and cutlery, with substantially the same aesthetic characteristics and workability but without the risk of the release of noxious elements; the alloy has the following nominal composition by weight: from 50% - 70% Cu; from 8% - 25% Mn, from 0.05% - 1% Sn, the rest being Zn with possible small additions of Mg (from 0.01 - 0.1% by weight).

IPC 1-7

C22C 1/00; **C22C 9/04**; **C22C 9/05**

IPC 8 full level

C22C 9/04 (2006.01); **C22C 9/05** (2006.01)

CPC (source: EP)

C22C 9/04 (2013.01); **C22C 9/05** (2013.01)

Cited by

JP2021175819A; EP1319728A1; WO2014102089A1; WO2010030597A2; EP2573198A1; DE102012014851A1

Designated contracting state (EPC)

AT CH DE FR GB IT LI

DOCDB simple family (publication)

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