

Title (en)

ALLOY FOR THE PRODUCTION OF JEWELS

Title (de)

LEGIERUNG FÜR DIE HERSTELLUNG VON JUWELEN

Title (fr)

ALLIAGE POUR LA PRODUCTION DE BIJOUX

Publication

**EP 2978867 B1 20170419 (EN)**

Application

**EP 14720688 A 20140320**

Priority

- IT VI20130084 A 20130326
- IB 2014000408 W 20140320

Abstract (en)

[origin: WO2014155178A1] The invention concerns an alloy for the production of jewels, constituted by: 4 - 10%, preferably 5 - 10%, more preferably 6 - 10% zinc by weight; 0.1 - 4.3% gold by weight; 8 - 20% copper by weight; 1 - 6% indium by weight; 0 - 4.3% platinum by weight; 0 - 4.3% palladium by weight; 0 - 10%, preferably 0 - 1.5% by weight of a combination of nickel and rhodium preferably with a weight ratio of 1:1; 0 - 0.5% by weight of auxiliary elements, in particular one or more metals selected among iridium, germanium, silicon, osmium, tin and gallium, wherein the rest is constituted by silver. The invention also concerns a use of the alloy according to the invention for the production of items, in particular jewels or trinkets, and it also concerns items, in particular jewels or trinkets, produced from the alloy.

IPC 8 full level

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DOCDB simple family (publication)

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