

Title (en)

MASTER ALLOYS FOR MANUFACTURING WHITE GOLD ALLOYS, AND METHOD FOR MANUFACTURING THEREOF

Title (de)

VORLEGIERUNGEN ZUR HERSTELLUNG VON WEISSGOLDLEGIERUNGEN UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

ALLIAGES MÈRES POUR LA FABRICATION D'ALLIAGES D'OR BLANC, ET SON PROCÉDÉ DE FABRICATION

Publication

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Application

EP 14731027 A 20140424

Priority

- IT VI20130118 A 20130424
- IB 2014060983 W 20140424

Abstract (en)

[origin: WO2014174482A1] A nickel- and palladium-free master alloy usable with gold for manufacturing white gold alloys, comprising: (A) 35% to 80% by weight of silver; (B) 3% to 20% by weight of zinc; (C) 0.5% to 40% by weight of copper; (D) 5% to 40% by weight of manganese; (E) 0% to 0.25% by weight of at least one grain refiner selected the group consisting of: iridium, ruthenium, rhenium, cobalt and rhodium; (F) 0% to 0.5% by weight of at least one deoxidizing agent selected the group consisting of: silicon, lithium and phosphorus; (G) 0% to 3% of gallium. A method for manufacturing such master alloy, comprising the steps of preparing a mixture of the above components (A) to (G) and tableting this mixture.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2014174482A1

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