

Title (en)

Gold alloys and master alloys for obtaining them

Title (de)

Goldlegierungen und Vorlegierungen zu deren Herstellung

Title (fr)

Alliages d'or et alliages-mères pour leur obtention

Publication

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Application

EP 01830349 A 20010530

Priority

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Abstract (en)

Gold alloy comprising, by weight, at least Gold Au ≥ 51 %, Iridium Ir ≤ 0.1 %, Germanium Ge ≤ 2 % and Copper Cu ≤ 45 %. The alloy can also comprise, in percentage by weight, Silver Ag ≤ 34 %, nickel Ni ≤ 20 % and Zinc Zn ≤ 12 %. In some variations the gold alloy can further comprise no more than 4% of at least one of the elements of the group constituted by cobalt, manganese, tin and indium, and no more than 0.15% of at least one of the deoxidising elements of the group constituted by magnesium, silicon, boron and lithium. To the alloy can also be added at least one of the refining elements of the group constituted by ruthenium, rhenium and platinum in quantities not exceeding 0.4% by weight. The invention further relates to a master alloy for obtaining said gold alloy. <IMAGE>

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C22C 9/05

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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