

Title (en)
METHOD FOR PRODUCTION OF INDIVIDUALIZED JEWELLERY ALLOYS

Title (de)
VERFAHREN ZU HERSTELLUNG INDIVIDUALISierter SCHMUCKLEGIERUNGEN

Title (fr)
PROCÉDÉ DE FABRICATION D'ALLIAGES POUR ARTICLES DE BIJOUTERIE INDIVIDUALISÉS

Publication
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Application
EP 07816289 A 20071203

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Abstract (en)
[origin: WO2008071020A1] The novel method allows the production of individualized jewellery alloys and individualized symbolic articles such as items of jewellery of metallic material, wherein, in a first step, a carbon-containing organic base material that originates from at least one specific, clearly identifiable person or a clearly identifiable group of persons is transformed into a carbonized starting material and, in a second step, a physical-chemical incorporation of at least a portion of the carbonized starting material into the metallic material is performed (by solid-solution formation, or formation of foreign phases or precipitates). The novel method and the novel jewellery alloys allow symbolic articles with a direct material-based association with a desired person to be produced by simple means without restricting the freedom of design. As an embodiment, a keepsake is produced from iron by means of carburization, or a pair of gold-titanium rings is produced with at least 3% C.

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