

Title (en)

METHOD FOR MANUFACTURING PRECIOUS METAL ALLOYS AND PRECIOUS METAL ALLOYS THUS OBTAINED

Title (de)

VERFAHREN ZUR HERSTELLUNG VON EDELMETALLLEGIERUNGEN UND DAMIT ERHALTENE EDELMETALLLEGIERUNGEN

Title (fr)

PROCEDE DE FABRICATION D'ALLIAGES DE METAUX PRECIEUX ET ALLIAGES DE METAUX PRECIEUX AINSI OBTENUS

Publication

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Application

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Priority

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Abstract (en)

[origin: CN112239820A] The present invention concerns a method for manufacturing an alloy formed of a precious metal boride, the method consisting of reacting a source of the precious metal with a source of boron in a salt or a mixture of salts, in the molten state. The present invention also concerns an alloy formed of a precious metal boride, the alloy comprising crystalline nanoparticles of M_xB_y with M which is a precious metal, distributed in an amorphous matrix of B or in an amorphous matrix of B and M_zBa .

IPC 8 full level

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C-Set (source: EP)

1. **B22F 2998/10** + **B22F 3/02** + **B22F 2003/1051** + **B22F 3/15** + **B22F 9/04**
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EP 19187108 A 20190718; CN 20210692186 A 20200717; CN 202080005414 A 20200717; EP 20179530 A 20200611; EP 2020070283 W 20200717; EP 20739720 A 20200717; JP 2020096716 A 20200603; JP 2021512706 A 20200717; KR 20200075003 A 20200619; KR 20217007618 A 20200717; TW 109116692 A 20200520; US 202016878871 A 20200520; US 202017273918 A 20200717