

Title (en)

OXIDATION TREATMENT OF BORON-CONTAINING ALLOYS BASED ON METALS FROM THE PLATINUM GROUP

Title (de)

OXIDATIONS-BEHANDLUNG BORHALTIGER LEGIERUNGEN AUF BASIS VON METALLEN DER PLATINGRUPPE

Title (fr)

TRAITEMENT PAR OXYDATION D'ALLIAGES CONTENANT DU BORE À BASE DE MÉTAUX DU GROUPE DU PLATINE

Publication

**EP 2406407 A1 20120118 (DE)**

Application

**EP 10709161 A 20100226**

Priority

- EP 2010001182 W 20100226
- DE 102009012676 A 20090313

Abstract (en)

[origin: WO2010102726A1] Castings consisting of boron-containing alloys based on at least one metal from the platinum group are treated by thermal age-hardening in the presence of oxygen and at temperatures below the melting point of the alloy. The method allows for further processing at temperatures which are common in the field of jewelry. The castings treated can also be processed to form medical articles.

IPC 8 full level

**C22F 1/14** (2006.01); **A44C 27/00** (2006.01); **C22C 5/04** (2006.01)

CPC (source: EP US)

**C22C 5/04** (2013.01 - EP US); **C22F 1/14** (2013.01 - EP US)

Citation (search report)

See references of WO 2010102726A1

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