

Title (en)

Perfectly white, tarnish-proof noble metal jewellery alloy

Title (de)

Ideal-weiße, anlaufbeständige Edelmetall-Schmucklegierung

Title (fr)

Alliage de bijou en métal précieux blanc idéal et résistant

Publication

**EP 2420583 A3 20120704 (DE)**

Application

**EP 11005688 A 20110712**

Priority

- DE 102010026930 A 20100712
- DE 202010010147 U 20100712

Abstract (en)

[origin: EP2420583A2] The ideal-white, tarnish-resistant precious metal jewellery alloy comprises rhodium (40-70 wt.%), platinum (60-30 wt.%), and ruthenium, iridium and/or gold (20 wt.%), and/or palladium (30 wt.%), where total portion of rhodium, platinum and additives is 100% and the platinum is replaced through palladium.

IPC 8 full level

**C22C 5/04** (2006.01)

CPC (source: EP)

**C22C 5/04** (2013.01); **A44C 27/003** (2013.01)

Citation (search report)

- [X] DE 102008050135 A1 20100408 - UMICORE GALVANOTECHNIK GMBH [DE]
- [X] US 3779728 A 19731218 - HANSEN J, et al
- [X] US 2005265888 A1 20051201 - LIANG JIANG [US], et al
- [I] US 2008232999 A1 20080925 - FOGEL KENNETH D [US]
- [X] MASSALSKI, T.B.: "Binary alloy phase diagrams", vol. 3, 1 January 1990, ASM INTERNATIONAL, USA, ISBN: 0-87170-406-4, XP002675554

Cited by

DE102015003996A1; EP3020835A1; DE102014001718A1; DE102015003996B4; CN105603241A; CN108728684A; WO2015120978A1; US10119177B2; DE202015002358U1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2420583 A2 20120222; EP 2420583 A3 20120704; EP 2420583 A8 20120516; EP 2420583 B1 20161102**; EP 3135781 A1 20170301

DOCDB simple family (application)

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