

Title (en)
WHITE-GOLD ALLOY

Title (de)
WEISSGOLDLEGIERUNG

Title (fr)
ALLIAGE D'OR GRIS

Publication
EP 3070182 B1 20170830 (FR)

Application
EP 15159421 A 20150317

Priority
EP 15159421 A 20150317

Abstract (en)
[origin: US2016273077A1] A grey gold alloy which is nickel-free, cobalt-free, iron-free, silver-free, copper-free, zirconium-free, niobium-free, chromium-free and manganese-free, including, expressed in weight percent, from 75.0 to 76.5% of Au, from 15 to 23% of Pd, from 0.5 to 5% of Rh, from 0 to 7% of Pt, and from 0 to 5% of at least one of the alloying elements Ir, Ru, Ti, In, Ga, B and Re, the respective percentages of all the alloying elements adding up to 100%.

IPC 8 full level
C22C 5/02 (2006.01)

CPC (source: CN EP US)
A44C 5/00 (2013.01 - US); **A44C 5/18** (2013.01 - US); **A44C 27/003** (2013.01 - US); **C22C 1/02** (2013.01 - EP US);
C22C 5/02 (2013.01 - CN EP US); **G04B 37/22** (2013.01 - US)

Cited by
EP3339455A1; US10458002B2; WO2024134394A1; EP3808865A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3070182 A1 20160921; EP 3070182 B1 20170830; CN 105986142 A 20161005; CN 105986142 B 20180914; JP 2016172925 A 20160929;
JP 2018048409 A 20180329; JP 6280580 B2 20180214; JP 6827909 B2 20210210; RU 2016109478 A 20170921; RU 2016109478 A3 20190909;
US 11591672 B2 20230228; US 2016273077 A1 20160922

DOCDB simple family (application)
EP 15159421 A 20150317; CN 201610146929 A 20160315; JP 2016046671 A 20160310; JP 2017222556 A 20171120;
RU 2016109478 A 20160316; US 201615052011 A 20160224