

Title (en)
GREY-GOLD ALLOY

Title (de)
WEISSGOLDLEGIERUNG

Title (fr)
ALLIAGE D'OR GRIS

Publication
EP 3339455 B1 20200205 (FR)

Application
EP 16205419 A 20161220

Priority
EP 16205419 A 20161220

Abstract (en)
[origin: US2018171436A1] A grey gold alloy which is nickel-free, cobalt-free, iron-free, silver-free, zirconium-free, niobium-free, chromium-free, indium-free, gallium-free and manganese-free and includes, expressed in weight percent, from 75.0 to 76.5% of Au, from 15 to 23% of Pd, from 1 to 7% of Cu, and from 0 to 5% of at least one of the alloying elements Ir, Ru, B and Re, the respective percentages of all the elements of the alloy adding up to 100%.

IPC 8 full level
C22C 5/02 (2006.01)

CPC (source: CN EP US)
A44C 27/003 (2013.01 - CN); **C22C 1/02** (2013.01 - EP US); **C22C 5/02** (2013.01 - CN EP US); **C22F 1/14** (2013.01 - EP US); **A44C 5/00** (2013.01 - US); **A44C 5/18** (2013.01 - US)

Cited by
EP3604626A1; WO2020025448A1

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 3339455 A1 20180627; EP 3339455 B1 20200205; CN 108203771 A 20180626; CN 108203771 B 20210420; HK 1255967 A1 20190906; JP 2018100448 A 20180628; JP 6740204 B2 20200812; US 10458002 B2 20191029; US 2018171436 A1 20180621

DOCDB simple family (application)
EP 16205419 A 20161220; CN 201711345377 A 20171215; HK 18115041 A 20181123; JP 2017238323 A 20171213; US 201715824344 A 20171128