

Title (en)
Grey-colored gold alloy, without nickel

Title (de)
Graue Goldlegierung, ohne Nickel

Title (fr)
Alliage d'or gris sans nickel

Publication
EP 1010768 B1 20030326 (FR)

Application
EP 98811224 A 19981214

Priority
EP 98811224 A 19981214

Abstract (en)
[origin: EP1010768A1] White gold alloy without nickel comprises (in wt.%): 75-76 Au, 5-14 Pd, 7-17 Cu, the Cu amount being inversely proportional to the Pd amount, at least one of Ir, In, Ag, Zn, Ga, Re, Zr, Nb, Si, Ta, and Ti.

IPC 1-7
C22C 5/02

IPC 8 full level
A44C 27/00 (2006.01); **C22C 5/02** (2006.01)

CPC (source: EP US)
A44C 27/003 (2013.01 - EP US); **C22C 5/02** (2013.01 - EP US)

Cited by
EP2450461A1; EP3339455A1; RU2475551C1; EP1227166A1; CN108203771A; WO2020020528A1; US10458002B2; EP2251444A1; EP2450460A1; US9650697B2; EP3070182A1; WO2016151228A1; US10364481B2; EP3812477B1

Designated contracting state (EPC)
CH DE ES FR GB IT LI

DOCDB simple family (publication)
EP 1010768 A1 20000621; EP 1010768 B1 20030326; DE 69812652 D1 20030430; DE 69812652 T2 20040429; DE 69823891 D1 20040617; DE 69823891 T2 20050519; EP 1245688 A2 20021002; EP 1245688 A3 20021030; EP 1245688 B1 20040512; ES 2195300 T3 20031201; ES 2220846 T3 20041216; JP 2000178669 A 20000627; US 2002127134 A1 20020912; US 6342182 B1 20020129; US 6787102 B2 20040907

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EP 98811224 A 19981214; DE 69812652 T 19981214; DE 69823891 T 19981214; EP 02005157 A 19981214; ES 02005157 T 19981214; ES 98811224 T 19981214; JP 35425599 A 19991214; US 46047199 A 19991214; US 5457101 A 20011112