

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

Title (de)
Graue Goldlegierung, ohne Nickel

Title (fr)
Alliage d'or gris sans nickel

Publication
EP 1245688 A2 20021002 (FR)

Application
EP 02005157 A 19981214

Priority
• EP 02005157 A 19981214
• EP 98811224 A 19981214

Abstract (en)
A white gold alloy without nickel comprises, by weight,: (a) 75 to 76 % Au; (b) between 5 and 7 % Pd; (c) between 10 and 18 % Cu; (d) less than 5 % Ag; (e) less than 7 % Zn. The alloy may also contain one or more of the elements Ir, In, Ta, Si, Ga, Ti in proportions between 0.002 and 0.15 %.

Abstract (fr)
Cet alliage d'or blanc sans nickel comprend, exprimé en poids, Au 75-76%, entre 5 et 7% de Pd, entre 10 et 18% de Cu, < 5% de Ag et < 7% de Zn.

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
US2014328718A1; EP1512766A1; US6576187B2; CN108203771A; EP3339455A1; EP3070182A1

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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