

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 A3 20021030 (FR)

Application
EP 02005157 A 19981214

Priority
• EP 02005157 A 19981214
• 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)

Citation (search report)
• [A] DE 19525361 A1 19960822 - HERBST BREMER GOLDSCHLAEGEREI [DE]
• [A] DE 2638837 A1 19780302 - HERAEUS GMBH W C
• [XA] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 14 31 December 1998 (1998-12-31)
• [XA] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 11 28 November 1997 (1997-11-28)
• [XA] PATENT ABSTRACTS OF JAPAN vol. 010, no. 136 (C - 347) 20 May 1986 (1986-05-20)
• [XA] DATABASE WPI Section Ch Week 197627, Derwent World Patents Index; Class M11, AN 1976-50630X, XP002212028
• [A] PATENT ABSTRACTS OF JAPAN vol. 015, no. 337 (C - 0862) 27 August 1991 (1991-08-27)
• [A] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 09 30 September 1997 (1997-09-30)
• [A] PATENT ABSTRACTS OF JAPAN vol. 015, no. 337 (C - 0862) 27 August 1991 (1991-08-27)
• [A] PATENT ABSTRACTS OF JAPAN vol. 015, no. 337 (C - 0862) 27 August 1991 (1991-08-27)

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US2014328718A1; EP1512766A1; US6576187B2; CN108203771A; EP4421194A1; 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

DOCDB simple family (application)
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