

Title (en)

GOLD ALLOY AND METHOD FOR MANUFACTURING A DENTAL RESTORATION

Title (de)

GOLDLEGIERUNG UND VERFAHREN ZUR HERSTELLUNG VON ZAHNREKONSTRUKTIONEN

Title (fr)

ALLIAGE D'OR ET PROCEDE DE FABRICATION D'UN ENSEMBLE DE RESTAURATION DENTAIRE

Publication

EP 1627088 A1 20060222 (EN)

Application

EP 04748587 A 20040518

Priority

- NL 2004000344 W 20040518
- NL 1023458 A 20030519

Abstract (en)

[origin: WO2004101835A1] The present invention relates to an alloy with a high gold content. This alloy preferably comprises more than 99 wt. % gold. Further, the invention relates to a method for manufacturing a metal-ceramic dental restoration by pressing on or firing on of a suitable porcelain. The porcelains used here have a certain maximum processing temperature and a coefficient of thermal expansion in a certain range.

IPC 1-7

C22C 5/02; **A61K 6/04**

IPC 8 full level

A61C 5/77 (2017.01); **A61K 6/04** (2006.01)

CPC (source: EP KR)

A61K 6/802 (2020.01 - EP); **A61K 6/844** (2020.01 - EP); **C22C 5/02** (2013.01 - EP KR); **H01L 24/45** (2013.01 - EP); **H01L 2224/45144** (2013.01 - EP); **H01L 2924/00014** (2013.01 - EP); **H01L 2924/01014** (2013.01 - EP); **H01L 2924/01019** (2013.01 - EP); **H01L 2924/01046** (2013.01 - EP); **H01L 2924/0105** (2013.01 - EP); **H01L 2924/01077** (2013.01 - EP); **H01L 2924/01078** (2013.01 - EP); **H01L 2924/01079** (2013.01 - EP)

C-Set (source: EP)

1. **H01L 2224/45144** + **H01L 2924/01047**
2. **H01L 2924/00014** + **H01L 2224/48**

Citation (search report)

See references of WO 2004101835A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004101835 A1 20041125; BR PI0408748 A 20060328; CA 2520131 A1 20041125; CN 1777688 A 20060524; EP 1627088 A1 20060222; JP 2007527955 A 20071004; KR 20050118301 A 20051216; NL 1023458 C2 20041122

DOCDB simple family (application)

NL 2004000344 W 20040518; BR PI0408748 A 20040518; CA 2520131 A 20040518; CN 200480010415 A 20040518; EP 04748587 A 20040518; JP 2007518402 A 20040518; KR 20057018694 A 20050930; NL 1023458 A 20030519