

Title (en)
DENTAL CASTING ALLOY

Title (de)
DENTALLEGIERUNG FÜR GEGOSSENEN ZAHNERSATZ

Title (fr)
ALLIAGE DE MOULAGE DENTAIRE

Publication
EP 1175196 A1 20020130 (EN)

Application
EP 00922364 A 20000426

Priority
• CA 0000454 W 20000426
• RU 99109384 A 19990427

Abstract (en)
[origin: WO0064402A1] A dental casting alloy based on Ni and Ti and having addition of cast of Mo, Fe, Cu and Co has the following composition in weight %:Ti: 40 - 50 % Mo: 0.2 - 2.0 % Fe: 0.1 - 1.5 % Cu: 0.1 - 1.0 % Co: 0.1 - 0.5 % Ni balance to a total of 100 %; the alloy has advantages over prior alloys for dental castings including a high level of fluidity, a low shrinkage percentage, a low melting temperature and super elasticity.

IPC 1-7
A61K 6/04

IPC 8 full level
A61C 13/08 (2006.01); **A61C 13/20** (2006.01); **A61K 6/04** (2006.01); **C22C 14/00** (2006.01); **C22C 19/03** (2006.01)

CPC (source: EP US)
A61K 6/84 (2020.01 - EP US); **C22C 14/00** (2013.01 - EP US); **C22C 19/03** (2013.01 - EP US)

Citation (search report)
See references of WO 0064402A1

Designated contracting state (EPC)
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