

Title (en)

Process for manufacturing gold-titanium alloy castings

Title (de)

Verfahren zur Herstellung von Gussformstücken aus Gold-Titan-Legierungen

Title (fr)

Procédé de fabrication de pièces moulées en alliage d'or-titane

Publication

EP 0717118 A3 19970129 (DE)

Application

EP 95117228 A 19951102

Priority

DE 4439793 A 19941108

Abstract (en)

[origin: DE4439793C1] Prodn. of cast moulded pieces made o Au-Ti alloy contg. 0.1-4 wt.% Ti comprises melting portion pieces of the allow in air, and subsequently casting. A melting crucible is used, whose surfaces in contact with the alloy melt are made of carbon.

IPC 1-7

C22C 1/02

IPC 8 full level

A44C 27/00 (2006.01); **B22D 25/02** (2006.01); **C22C 1/02** (2006.01)

CPC (source: EP)

A44C 27/003 (2013.01); **B22D 25/02** (2013.01)

Citation (search report)

- [X] EP 0153559 A2 19850904 - DEGUSSA [DE]
- [AD] EP 0190648 A1 19860813 - INT GOLD CORP LTD [ZA]
- [A] DE 2302837 A1 19740801 - TH WIELAND SCHEIDEANSTALT DR
- [E] EP 0691123 A1 19960110 - CENDRES & METAUX SA [CH]

Cited by

US7279054B2; US7892480B2

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0717118 A2 19960619; EP 0717118 A3 19970129; EP 0717118 B1 20030827; EP 0717118 B8 20040102; AT E248237 T1 20030915; DE 4439793 C1 19951026; DE 4439793 C2 20010523; DE 59510778 D1 20031002

DOCDB simple family (application)

EP 95117228 A 19951102; AT 95117228 T 19951102; DE 4439793 A 19941108; DE 59510778 T 19951102