

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 A2 19960619 (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.

Abstract (de)

Gold-Titan-Legierungen mit 0,1 bis 4 Gew.% Titan lassen sich an der Luft ohne störende Schlackenbildung und Tiegelstörung aufschmelzen, wenn man Tiegel aus Kohlenstoff verwendet.

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 (applicant)

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Cited by

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Designated contracting state (EPC)

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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

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