

Title (en)

Ceramic investment material for the production of moulds for precision castings of titanium, zirconium or alloys thereof

Title (de)

Keramische Einbettmassen zur Herstellung von Präzisionsgussformen für Gussteile aus Titan, Zirkonium oder deren Legierungen

Title (fr)

Masse de moulage pour la fabrication des pièces du moulage de précision à base de titan, zirconium ou leurs alliages

Publication

EP 1611977 A1 20060104 (DE)

Application

EP 05012095 A 20050604

Priority

DE 102004031607 A 20040630

Abstract (en)

Ceramic embedding material comprises an oxide-ceramic mixture and a binder system and forms cast molds in the fired state. Independent claims are also included for the following: (1) Binder system comprising a mixing liquid and a ceramic particle mixture; and (2) Oxide ceramic mixture for producing the ceramic embedding material.

IPC 8 full level

B22C 1/00 (2006.01); **B22C 1/18** (2006.01)

CPC (source: EP)

B22C 1/04 (2013.01); **B22C 1/06** (2013.01)

Citation (applicant)

EP 0916430 A1 19990519 - SHERA WERKSTOFFTECHNOLOGIE GMB [DE]

Citation (search report)

- [X] US 5712435 A 19980127 - FEAGIN ROY C [US]
- [X] US 4787439 A 19881129 - FEAGIN ROY C [US]

Cited by

DE102010064142B4; DE102017120957A1; EP2062665A1; DE102013113560B3; DE102010064142A1; EP2881078A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1611977 A1 20060104; **EP 1611977 A8 20060426**; **EP 1611977 B1 20090401**; DE 102004031607 A1 20060209;
DE 502005006975 D1 20090514

DOCDB simple family (application)

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