

Title (en)

Method and apparatus for producing precision castings

Title (de)

Verfahren und Vorrichtung zum Herstellen von Präzisionsgussteilen

Title (fr)

Procédé et dispositif pour couler des pièces de précision

Publication

EP 1258302 A3 20041027 (DE)

Application

EP 02008460 A 20020413

Priority

DE 10120493 A 20010426

Abstract (en)

[origin: DE10120493C1] Production of precision cast parts comprises filling casting molds (6) made from a ceramic material and a distributor channel (4) with a melt while rotating the casting wheel (1) about its axis (A-A); and removing the cast parts from the molds after solidifying the melt. The casting molds can be exchanged. An Independent claim is also included for a device for producing precision cast parts. Preferably the cast wheel has two wheel rings (2, 3) which collide with each other at an annular separating joint containing recesses for inserting the casting molds.

IPC 1-7

B22D 13/06; **B22D 13/10**

IPC 8 full level

B22D 21/00 (2006.01); **B22C 9/02** (2006.01); **B22C 9/04** (2006.01); **B22D 13/00** (2006.01); **B22D 13/06** (2006.01); **B22D 13/10** (2006.01); **B22D 21/06** (2006.01)

CPC (source: EP KR US)

B22C 9/02 (2013.01 - EP US); **B22D 13/00** (2013.01 - KR); **B22D 13/066** (2013.01 - EP US); **B22D 13/101** (2013.01 - EP US); **B22D 13/107** (2013.01 - EP US)

Citation (search report)

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- [A] EP 0686443 A1 19951213 - ALD VACUUM TECHN GMBH [DE]
- [A] US 4524817 A 19850625 - BRUGGER MANFRED [CH], et al
- [A] US 4031947 A 19770628 - CONNOLLY JOHN E

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CN106001480A

Designated contracting state (EPC)

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

DOCDB simple family (publication)

DE 10120493 C1 20020725; DE 50207760 D1 20060921; EP 1258302 A2 20021120; EP 1258302 A3 20041027; EP 1258302 B1 20060809; ES 2267886 T3 20070316; JP 2002361385 A 20021217; KR 20020083131 A 20021101; US 2002179275 A1 20021205; US 6725902 B2 20040427

DOCDB simple family (application)

DE 10120493 A 20010426; DE 50207760 T 20020413; EP 02008460 A 20020413; ES 02008460 T 20020413; JP 2002127029 A 20020426; KR 20020021433 A 20020419; US 12638102 A 20020419