

Title (en)

CONTINUOUS SPIN MELT CASTING OF MATERIALS

Title (de)

KONTINUIERLICHES SCHLEUDERGIESSEN VON MATERIALIEN

Title (fr)

MOULAGE CONTINU DE MATIERES PAR FUSION ET CENTRIFUGATION

Publication

**EP 1165273 A4 20030827 (EN)**

Application

**EP 00931889 A 20000111**

Priority

- US 0000685 W 20000111
- US 24850299 A 19990209

Abstract (en)

[origin: WO0047351A1] Apparatus (10) and method for continuous melt spin casting of homogenous materials, including metals, alloys, and nonmetals. The material to be cast is provided to a crucible (120) and liquefied. The melt is filtered prior to casting to provide a melt with a high degree of purity. The material temperature is maintained throughout the process to form a solidified product with excellent homogeneity.

IPC 1-7

**B22D 11/06**; **B22F 9/10**

IPC 8 full level

**B22D 11/06** (2006.01); **B22D 11/10** (2006.01); **B22D 11/119** (2006.01); **B22D 11/16** (2006.01); **B22D 11/18** (2006.01); **B22F 9/10** (2006.01)

CPC (source: EP)

**B22F 9/10** (2013.01)

Citation (search report)

- [XP] RU 2141392 C1 19991120 - OTKRYTOE AKTSIONERNOE OBSHCHE [RU], et al
- See references of WO 0047351A1

Cited by

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Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**WO 0047351 A1 20000817**; **WO 0047351 A9 20010830**; AU 4969900 A 20000829; CA 2362434 A1 20000817; EP 1165273 A1 20020102; EP 1165273 A4 20030827; JP 2002536185 A 20021029

DOCDB simple family (application)

**US 0000685 W 20000111**; AU 4969900 A 20000111; CA 2362434 A 20000111; EP 00931889 A 20000111; JP 2000598297 A 20000111