

Title (en)

Centrifugal casting mould and process for releasing front cover of central casting mould

Title (de)

Schleudergussform und Verfahren zum Lösen eines Endaufsatzes von einer Schleudergussform

Title (fr)

Dispositif de moulage par coulée centrifuge et procédé de desserrage le verrouillage de couvercle frontal d' une moule par coulée centrifuge

Publication

EP 1129801 B1 20050928 (DE)

Application

EP 01103291 A 20010213

Priority

US 51563600 A 20000229

Abstract (en)

[origin: EP1129801A1] Centrifugal casting mold (10) comprises a housing (12) with an insert (16), and an end piece (22) having two tilting weights (26) radially arranged on the mold. The weights interact with the end piece in such a way that it secures the insert in the housing when the mold is rotated without coming into contact with the insert. An Independent claim is also included for a process for detaching an end piece from a centrifugal casting mold, comprising interacting a tool having a cylindrical base body with the region in such a way that the weights are tilted by inserting and/or rotating the tool. Preferred Features: The mold has an additional element (28) connected to the housing and a weight support (24) (in)directly connected to the weights.

IPC 1-7

B22D 13/10

IPC 8 full level

B22D 13/10 (2006.01)

CPC (source: EP US)

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EP 1129801 A1 20010905; EP 1129801 B1 20050928; AR 027574 A1 20030402; AT E305349 T1 20051015; CA 2316133 A1 20010829; DE 50107532 D1 20051103; JP 2001287005 A 20011016; JP 3425942 B2 20030714; US 6595268 B1 20030722; ZA 200101625 B 20020827

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EP 01103291 A 20010213; AR P010100924 A 20010228; AT 01103291 T 20010213; CA 2316133 A 20000815; DE 50107532 T 20010213; JP 2001041211 A 20010219; US 51563600 A 20000229; ZA 200101625 A 20010227