

Title (en)
Mould for producing castings

Title (de)
Giessform zum Herstellen von Gussstücken

Title (fr)
Moule pour la fabrication de pièces coulées

Publication
EP 0933153 B1 20030122 (DE)

Application
EP 98120099 A 19981024

Priority
DE 19803397 A 19980129

Abstract (en)
[origin: EP0933153A1] At least one additional gas inlet channel (34) and one or more additional gas outlet channels (36) are formed between the mold cover core (14) and pressure plug shield (16). A cover (22) is provided inside the pressure plug (24, 26) beneath these additional gas channels, covering the mold cover core and dividing the cavity into top and bottom regions, between which gas can flow. The mold includes a cover core linked to supply lines for pressure-generating gases. A pressure plug shield is placed on top of the cover core to seal off the pressurized gas supply region. The cover core is gas-impermeable in the region where it meets the pressure plug shield.

IPC 1-7
B22D 27/09; **B22D 27/13**

IPC 8 full level
B22D 15/02 (2006.01); **B22D 27/09** (2006.01); **B22D 27/13** (2006.01)

CPC (source: EP)
B22D 15/02 (2013.01); **B22D 27/13** (2013.01)

Cited by
CN114192756A; CN115673297A; US9215175B2; WO02102532A3

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EP 0933153 A1 19990804; **EP 0933153 B1 20030122**; AT E231426 T1 20030215; DE 19803397 A1 19990805; DE 59807003 D1 20030227

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