

Title (en)

Process for shape casting and mould therefor

Title (de)

Verfahren zum Formgieessen und Giessform für ein solches Verfahren

Title (fr)

Procédé de moulage de pièces coulées et moule utilisant un tel procédé

Publication

EP 0894557 A1 19990203 (DE)

Application

EP 98104851 A 19980318

Priority

- CZ 401698 A 19981207
- DE 19733485 A 19970801
- JP 37468598 A 19981228
- US 21770998 A 19981221

Abstract (en)

The method concerns casting, according to which a melt (7) from a melt container (5, 6) is introduced from below through a riser channel (4) in the mould sand into a mould (1, 2). The riser channel (4) in the mould sand is closed immediately after the end of the mould filling process so that the mould (1, 2) can be separated from the melt container (5, 6). The claimed mould has a channel with an open outer end in which a plunger is formed in the mould sand.

Abstract (de)

Zur Produktionssteigerung beim Abgießen einer Gießform von unten in steigendem Guß, wobei in der Gießform ein Steigkanal 4 für die Gießmasse im Formsand der Gießform eingeformt ist, wird unmittelbar nach beendeter Füllung der Gießform 1, 2 ein im Formsand verlaufender Teil des Steigkanals 4 unterbrochen und damit so verschlossen, daß die Gießform 1, 2 von dem Gießbehälter 5, 6 sofort abtrennbar ist. <IMAGE>

IPC 1-7

B22D 18/04; **B22C 9/02**; **B22D 35/04**

IPC 8 full level

B22C 9/02 (2006.01); **B22C 9/08** (2006.01); **B22D 18/04** (2006.01); **B22D 33/00** (2006.01); **B22D 35/04** (2006.01)

CPC (source: EP US)

B22C 9/02 (2013.01 - EP US); **B22D 18/04** (2013.01 - EP US); **B22D 35/04** (2013.01 - EP US)

Citation (search report)

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