

Title (en)
METHOD OF PRODUCING A MOULD

Publication
EP 0133211 B1 19861105 (DE)

Application
EP 84107313 A 19840626

Priority
DE 3323697 A 19830701

Abstract (en)
[origin: ES8503536A1] A process for producing a casting mould with chemically bound moulding material using a pattern is intended to make it possible to forego the use of clay-bound sand, in particular for the mass production of cast members, and to provide a casting mould of adequate gas permeability, which is simple to produce, with a low level of consumption of moulding material, and inexpensive, and which also provides a high level of casting quality with a low degree of environmental pollution. For that purpose, the moulding material which has become pourable or fluid due to the operation of casting a cast member is removed from a first casting mould comprising a single moulding material, whereas the remaining portion of the moulding material is left, and the hollow space formed when the pattern is re-fitted is filled with moulding material. In addition, the moulding material which has been reduced in strength may be also removed, being for example blown or brushed out.

IPC 1-7
B22C 9/06; **B22D 29/00**; **B22D 31/00**

IPC 8 full level
B22C 9/02 (2006.01); **B22C 9/00** (2006.01); **B22C 9/06** (2006.01); **B22D 29/00** (2006.01); **B22D 31/00** (2006.01)

CPC (source: EP KR US)
B22C 9/00 (2013.01 - EP KR US); **B22C 9/02** (2013.01 - EP US); **B22C 9/068** (2013.01 - EP US)

Cited by
CN112371959A; EP1531021A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0133211 A1 19850220; **EP 0133211 B1 19861105**; AT E23283 T1 19861115; AU 3002584 A 19850103; AU 564197 B2 19870806; BR 8403249 A 19850611; CA 1219728 A 19870331; CS 264106 B2 19890613; CS 505284 A2 19880916; DD 219690 A5 19850313; DE 3323697 C1 19850228; DE 3461147 D1 19861211; ES 533845 A0 19850301; ES 8503536 A1 19850301; HU 189416 B 19860728; HU T35562 A 19850729; IN 161531 B 19871219; JP H0442106 B2 19920710; JP S6087949 A 19850517; KR 850001043 A 19850314; KR 920001706 B1 19920224; PL 143301 B1 19880229; PL 248514 A1 19850409; TR 22403 A 19870413; US 4620582 A 19861104; YU 114384 A 19880831; YU 45631 B 19920720; ZA 844612 B 19850424

DOCDB simple family (application)
EP 84107313 A 19840626; AT 84107313 T 19840626; AU 3002584 A 19840629; BR 8403249 A 19840629; CA 457840 A 19840629; CS 505284 A 19840629; DD 26466084 A 19840628; DE 3323697 A 19830701; DE 3461147 T 19840626; ES 533845 A 19840629; HU 252184 A 19840628; IN 478MA1984 A 19840702; JP 13640884 A 19840630; KR 840003787 A 19840630; PL 24851484 A 19840701; TR 454384 A 19840703; US 62401784 A 19840625; YU 114384 A 19840629; ZA 844612 A 19840619