

Title (en)

Method for producing a mold

Title (de)

Verfahren zur Herstellung einer Form

Title (fr)

Procédé pour la production d'un moule

Publication

EP 0803303 A1 19971029 (EN)

Application

EP 97106203 A 19970415

Priority

- JP 12906196 A 19960424
- JP 14077296 A 19960510

Abstract (en)

The method of the present invention includes pre-compressing molding sand in a mold space at the lower part of it near the outer and inner side surfaces of a pattern and the inner side surfaces of a flask, where it tends to be not well consolidated, by inserting a thin-plate body into the molding sand. The method also includes pre-compacting the molding sand or consolidating all the molding sand. <IMAGE>

IPC 1-7

B22C 15/02; **B22C 15/30**

IPC 8 full level

B22C 15/02 (2006.01); **B22C 15/30** (2006.01)

CPC (source: EP KR)

B22C 9/02 (2013.01 - KR); **B22C 15/02** (2013.01 - EP KR); **B22C 15/30** (2013.01 - EP)

Citation (search report)

- [PX] EP 0748663 A1 19961218 - SINTOKOGIO LTD [JP]
- [A] EP 0490701 A2 19920617 - SINTOKOGIO LTD [JP]
- [A] EP 0299941 A2 19890118 - HYBE MASKIN SYSTEM AB [SE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 016, no. 195 (M - 1246) 12 May 1992 (1992-05-12)

Cited by

EP0900606A1; US5996678A; EP0867242A1; DE102011051420B4; DE102011051420A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

EP 0803303 A1 19971029; **EP 0803303 B1 19990901**; CN 1071163 C 20010919; CN 1170646 A 19980121; DE 69700459 D1 19991007; DE 69700459 T2 20000316; ES 2138411 T3 20000101; ID 16815 A 19971113; KR 970073798 A 19971210; SG 52957 A1 19980928

DOCDB simple family (application)

EP 97106203 A 19970415; CN 97110781 A 19970422; DE 69700459 T 19970415; ES 97106203 T 19970415; ID 971335 A 19970422; KR 19970015243 A 19970424; SG 1997001259 A 19970419