

Title (en)

Casting mould comprising outer mould parts and cores of moulding material inserted into these parts

Title (de)

Giessform, umfassend Aussenformteile und darin eingelegte Formstoffkerne

Title (fr)

Moule comprenant pièces de forme extérieure ainsi que noyaux en sable disposés dans celles-ci

Publication

**EP 1147836 A2 20011024 (DE)**

Application

**EP 01108815 A 20010407**

Priority

DE 10019310 A 20000419

Abstract (en)

The casting mould (11) has outer mould parts (12-14) and an inner core (15), which form a casting cavity along with a closing cover core (16). The inner core is made in several layers formed one on top of the other, which are clamped between the outer mould parts and the cover core. The outer mould parts have a base plate (12) and several movable side parts (13,14) and are formed as reusable mould parts. An Independent claim is included for a method for using the device.

Abstract (de)

Gießform, umfassend Außenformteile und darin eingelegte Formstoffkerne, die miteinander einen Formhohlraum bilden, wobei Innenkerne aus Formstoff in mehreren Lagen aufeinandergeschichtet sind und in durchgehendem Kraftfluß zwischen Außenformteilen und einem abschließenden Deckkern aus Formstoff eingespannt sind, wobei der Formhohlraum von Oberflächen der Außenform und Oberflächen der Innenkerne und des Deckkerns gebildet wird. <IMAGE>

IPC 1-7

**B22D 23/00**; **B22C 9/06**

IPC 8 full level

**F02F 1/24** (2006.01); **B22C 9/00** (2006.01); **B22C 9/06** (2006.01); **B22C 9/10** (2006.01); **B22D 23/00** (2006.01); **B22D 27/08** (2006.01); **B22D 33/02** (2006.01)

CPC (source: EP KR US)

**B22C 9/06** (2013.01 - EP KR US); **B22C 9/103** (2013.01 - EP US); **B22C 9/106** (2013.01 - KR); **B22C 9/22** (2013.01 - KR); **B22D 23/006** (2013.01 - EP US)

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