

Title (en)

MOULDING MACHINE FOR PRODUCING FLASKLESS MOULDS

Publication

**EP 0087575 B1 19871119 (DE)**

Application

**EP 83100566 A 19830122**

Priority

DE 3206169 A 19820220

Abstract (en)

[origin: US4537238A] The invention discloses a molding machine for making flaskless molds, which has a minimum of structural component groups and units as well as of control devices and adjusting elements. The machine frame is embodied by a closed, symmetrical frame including hollow side parts which receive the pourable molding material and simultaneously perform the functions of tie rods and guidance for the molding flasks. Molding sand blowing-in openings are disposed on the inner walls of the side parts, and the openings are controlled by molding sand openings in the molding flasks in the manner of a valve slide.

IPC 1-7

**B22C 5/16**; **B22C 11/10**; **B22C 15/24**

IPC 8 full level

**B22C 11/00** (2006.01); **B22C 5/16** (2006.01); **B22C 11/10** (2006.01); **B22C 15/02** (2006.01); **B22C 15/24** (2006.01)

CPC (source: EP US)

**B22C 11/10** (2013.01 - EP US)

Cited by

US4586555A; CN103611890A

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI SE

DOCDB simple family (publication)

**EP 0087575 A1 19830907**; **EP 0087575 B1 19871119**; AT E30864 T1 19871215; DE 3206169 C1 19830929; DE 3374528 D1 19871223; DK 68183 A 19830821; DK 68183 D0 19830217; JP H0254181 B2 19901120; JP S58192653 A 19831110; US 4537238 A 19850827

DOCDB simple family (application)

**EP 83100566 A 19830122**; AT 83100566 T 19830122; DE 3206169 A 19820220; DE 3374528 T 19830122; DK 68183 A 19830217; JP 2493483 A 19830218; US 46862483 A 19830222