

Title (en)

Device for compacting moulding sand in a flask by compressed-air pulses

Title (de)

Vorrichtung zur Verdichtung vom Formsand in Formkästen mit Druckluftimpulsen

Title (fr)

Dispositif de compactage de sable de moulage dans des châssis à l'aide d'impulsions d'air comprimé

Publication

EP 0370966 B2 19960626 (DE)

Application

EP 89830486 A 19891107

Priority

IT 523988 A 19881121

Abstract (en)

[origin: EP0370966A2] The invention relates to a device for generating compressed-air pulses for compacting moulding sand in a flask. The device comprises an annular chamber supplied with compressed air, which is connected via a series of valves and inlet nozzles, which can be swivelled in a plurality of directions, to the moulding space, which is defined by the metering frame and a squeezing head above the sand situated in the flask. The device can be attached both to conventional foundry moulding machines and directly to flasks at the level of the metering frame.

IPC 1-7

B22C 15/00; **B22C 15/28**

IPC 8 full level

B22C 15/00 (2006.01); **B22C 15/28** (2006.01); **B22C 9/00** (2006.01); **B22C 15/32** (2006.01)

CPC (source: EP)

B22C 15/00 (2013.01); **B22C 15/28** (2013.01)

Cited by

ES2048635A2; EP0512201A3

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0370966 A2 19900530; **EP 0370966 A3 19910123**; **EP 0370966 B1 19930922**; **EP 0370966 B2 19960626**; AT E94789 T1 19931015; DE 58905682 D1 19931028; ES 2045554 T3 19940116; IT 1225165 B 19901102; IT 8805239 A0 19881121; JP H02224847 A 19900906

DOCDB simple family (application)

EP 89830486 A 19891107; AT 89830486 T 19891107; DE 58905682 T 19891107; ES 89830486 T 19891107; IT 523988 A 19881121; JP 30456889 A 19891121