

Title (en)

APPARATUS FOR COMPACTING FOUNDRY MOULDING MATERIAL

Publication

EP 0129210 B1 19880518 (DE)

Application

EP 84106795 A 19840614

Priority

DE 3321622 A 19830615

Abstract (en)

[origin: US4620585A] An apparatus for the compaction of foundry mold making material using gas under pressure, comprises a pressure vessel for the such gas, a mold flask, a filling frame, a pattern plate and a pattern thereon onto which the material is to be loosely heaped. The flask, frame and plate form a mold chamber under the pressure vessel and between them there a valve is placed, the valve having a movable valve member adapted to open up a flow cross section of the valve predominantly under the effect of gas under pressure in the pressure vessel. The valve member is guided within the pressure vessel, with the valve member being adapted to perform an opening motion, which at least mainly directed into the mold chamber.

IPC 1-7

B22C 15/00

IPC 8 full level

B22C 5/12 (2006.01); **B22C 15/00** (2006.01); **B22C 15/24** (2006.01)

CPC (source: EP US)

B22C 15/00 (2013.01 - EP US)

Cited by

EP0203322A1; EP0131723B1

Designated contracting state (EPC)

CH DE FR GB IT LI SE

DOCDB simple family (publication)

EP 0129210 A2 19841227; EP 0129210 A3 19850515; EP 0129210 B1 19880518; DD 224248 A5 19850703; DE 3321622 A1 19841220; DE 3321622 C2 19881215; DE 3471268 D1 19880623; JP S6012253 A 19850122; PL 248185 A3 19850409; US 4620585 A 19861104; YU 102484 A 19881031

DOCDB simple family (application)

EP 84106795 A 19840614; DD 26419884 A 19840615; DE 3321622 A 19830615; DE 3471268 T 19840614; JP 12218084 A 19840615; PL 24818584 A 19840613; US 61792084 A 19840606; YU 102484 A 19840612