

Title (en)

Hot chamber die casting machine

Title (de)

Warmkammer-Druckgiessmaschine

Title (fr)

Machine à couler sous pression à chambre chaude

Publication

EP 1044743 B1 20030806 (DE)

Application

EP 99111960 A 19990624

Priority

- EP 99111960 A 19990624
- EP 99106242 A 19990413

Abstract (en)

[origin: EP1044743A1] Drive units (14) are formed as linear drives driven by electrical servomotors (17). The pushing speed of the unit can be regulated. Die casting machine comprises a casting vessel arranged in a metal bath within a melt crucible and a nozzle connected to it Drive units (14) with their axes parallel to the nozzle are connected on one side to a guide arm of a machine stand connected to crucible and on the other side to a fixed mold plate (8) to which the halves of a mold are fixed. The drive units (14) are forme linear drives driven by electrical servomotors (17). The pushing speed of the unit can be regulated.

IPC 1-7

B22D 17/06; **B22D 17/20**

IPC 8 full level

B22D 17/02 (2006.01); **B22D 17/06** (2006.01); **B22D 17/20** (2006.01)

IPC 8 main group level

B22D (2006.01)

CPC (source: EP US)

B22D 17/06 (2013.01 - EP US); **B22D 17/2015** (2013.01 - EP US)

Cited by

CN110461502A

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI SE

DOCDB simple family (publication)

EP 1044743 A1 20001018; **EP 1044743 B1 20030806**; AT E246561 T1 20030815; CZ 20001347 A3 20010711; CZ 301964 B6 20100818; DE 59906506 D1 20030911; ES 2205643 T3 20040501; HK 1030570 A1 20010511; JP 2000301309 A 20001031; JP 2010099742 A 20100506; JP 4808833 B2 20111102; PL 193532 B1 20070228; PL 339612 A1 20001023; US 6390175 B1 20020521

DOCDB simple family (application)

EP 99111960 A 19990624; AT 99111960 T 19990624; CZ 20001347 A 20000413; DE 59906506 T 19990624; ES 99111960 T 19990624; HK 01101580 A 20010305; JP 2000110565 A 20000406; JP 2010025890 A 20100208; PL 33961200 A 20000412; US 55027100 A 20000413