

Title (en)

DIE-CASTING APPARATUS FOR DIE-CASTING NON FERROUS ALLOYS, IN PARTICULAR BRASS, WITH A LOW PRESSURE PROCESS

Publication

**EP 0175833 A3 19861022 (EN)**

Application

**EP 84830303 A 19841113**

Priority

IT 2292784 A 19840928

Abstract (en)

[origin: EP0175833A2] Die-casting apparatus has two pairs of die-carrier heads (1, 2) which can be turned through 180 DEG about a central vertical axis (3) in such a way as to be able to face either a furnace (4) or an operator (5). Each die-carrier head (1, 2) is controllable independently of the other in such a way as to be able to perform the operations of: - graphiting of each die half; - inclination of the die-carrier heads (1, 2) for the introduction of mould cores; - rotation of the said heads (1, 2) for cleaning of the dies; - closure of the dies with adjustable damping; - rotation and coupling of the dies to the casting nozzle of the furnace; - automatic ejection of castings directly onto a receptable provided with suitable conveyors.

IPC 1-7

**B22D 18/04**

IPC 8 full level

**B22D 18/04** (2006.01)

CPC (source: EP)

**B22D 18/04** (2013.01)

Citation (search report)

- [X] DE 2009196 A1 19710909 - SCHUBERT & SALZER MASCHINEN
- [X] FR 2179159 A1 19731116 - GRAVICAST PATENT GMBH [AT]
- [A] AT 320887 B 19750310 - GRAVICAST PATENT GMBH

Cited by

US5205341A; US5937931A; EP0811447A1; US6059011A

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 0175833 A2 19860402; EP 0175833 A3 19861022**; IT 1178524 B 19870909; IT 8422927 A0 19840928

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