

Title (en)

Hot chamber die casting machine

Title (de)

Warmkammer-Druckgiessmaschine

Title (fr)

Machine à couler sous pression à chambre chaude

Publication

**EP 0761345 A3 19980902 (DE)**

Application

**EP 96113228 A 19960817**

Priority

- DE 19531161 A 19950824
- DE 19543805 A 19951124

Abstract (en)

[origin: EP0761345A2] The machine comprises a melt container (3) with a riser bore (4) and a conical holder (5), a nozzle (8) and a nozzle heating unit. This unit is an inductively operating heating unit (12, 13, 14) located in a region (11) of the holder (5). It is driven at medium frequency (or a frequency lying at the lower boundary of high frequency), and is air-cooled.

IPC 1-7

**B22D 17/02**; **B22D 17/20**

IPC 8 full level

**H05B 6/06** (2006.01); **B22D 17/02** (2006.01); **B22D 17/04** (2006.01); **B22D 17/20** (2006.01); **H05B 6/10** (2006.01)

CPC (source: EP US)

**B22D 17/04** (2013.01 - EP US); **B22D 17/2038** (2013.01 - EP US)

Citation (search report)

- [Y] DE 2425067 A1 19751204 - IDRA PRESSEN GMBH
- [Y] EP 0662361 A1 19950712 - HITACHI METALS LTD [JP]
- [YA] DE 2141551 A1 19720420
- [A] DE 1164034 B 19640227 - ECKERT G M B H GEB

Cited by

DE19853189C1; FR2789612A1; EP1354650A1; EP1825939A3; US6435260B1; WO2013071926A3; US9561540B2; EP1825939A2; US7810550B2

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI SE

DOCDB simple family (publication)

**EP 0761345 A2 19970312**; **EP 0761345 A3 19980902**; **EP 0761345 B1 20000315**; AT E190532 T1 20000415; DE 19531161 A1 19970227; DE 19531161 C2 19990520; ES 2144177 T3 20000601; JP H09122868 A 19970513; US 5960854 A 19991005

DOCDB simple family (application)

**EP 96113228 A 19960817**; AT 96113228 T 19960817; DE 19531161 A 19950824; ES 96113228 T 19960817; JP 21999396 A 19960821; US 70312796 A 19960826