

Title (en)

DIE-CASTING MACHINE OR INJECTION-MOULDING MACHINE

Publication

EP 0160921 A3 19860806 (DE)

Application

EP 85105266 A 19850430

Priority

DE 3417293 A 19840510

Abstract (en)

[origin: US4600374A] In a die-casting or injection molding machine transducers are provided for generating a signal corresponding to the injection pressure as well as a signal in accordance with the velocity of the ram device, i.e. the injection screw or the injection piston of the machine. The output signals of these transducers are supplied to a calculating stage for calculating the actual injection power. The resulting signal at the output of the calculating stage is fed to an evaluation device, preferably comprising an indicating device.

IPC 1-7

B22D 17/32; **B22D 18/08**

IPC 8 full level

B22D 17/32 (2006.01); **B22D 18/08** (2006.01)

CPC (source: EP US)

B22D 17/32 (2013.01 - EP US)

Citation (search report)

- [A] US 4335778 A 19820622 - MOTOMURA NORIYUKI, et al
- [A] DE 2922914 A1 19801211 - OSKAR FRECH WERKZEUGBAU GMBH &
- [AP] DE 3329705 A1 19850307 - HAHN ORTWIN, et al
- [AD] DE 3142811 A1 19830505 - IDRA PRESSEN GMBH [DE]

Cited by

DE3939728A1; EP0644030A3; GB2357111A; GB2357111B; FR2720213A1; FR2725391A1; FR2726495A1

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0160921 A2 19851113; **EP 0160921 A3 19860806**; **EP 0160921 B1 19880330**; DE 3417293 A1 19851114; DE 3561990 D1 19880505; US 4600374 A 19860715; US 4708620 A 19871124

DOCDB simple family (application)

EP 85105266 A 19850430; DE 3417293 A 19840510; DE 3561990 T 19850430; US 72461485 A 19850418; US 85604886 A 19860425