

Title (en)
Casting apparatus.

Title (de)
Giessvorrichtung.

Title (fr)
Dispositif de coulée.

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Application
EP 90312824 A 19901126

Priority
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Abstract (en)
A casting apparatus for low melting point alloys comprises a dispensing cylinder 5 and a piston 7 driven by a rotary driven linear actuator 31. A rotary motor 42 drives the actuator and the cylinder is connected to a die 26 during a dispensing stroke of the piston. Control means 52 controls the speed of the motor to thereby control the speed of the piston and the rate at which molten metal is dispensed into the die. A data storage means 56 holds data defining a characteristic of piston speed as a function of time during the dispensing stroke and enables the rate at which metal rises in the die to be controlled in a manner which takes account of variation in die cross-section. <IMAGE>

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Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN, vol. 10, no. 73 (M-463)[2130], 22nd March 1986; & JP-A-60 216 964 (UBE KOSAN K.K.) 30-10-1985

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