

Title (en)

OPERATION OF A HOT-CHAMBER DIE-CASTING MACHINE, AND A DIE-CASTING MACHINE OPERATED IN THIS WAY

Title (de)

BETRIEB EINER WARMKAMMER-DRUCKGIESSMASCHINE UND DRUCKGIESSMASCHINE HIEFÜR

Title (fr)

FONCTIONNEMENT D'UNE MACHINE A COULEE SOUS PRESSION A CHAMBRE CHAUDE ET MACHINE A COULEE SOUS PRESSION APPROPRIEE

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Application

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Abstract (en)

[origin: US5699849A] PCT No. PCT/EP95/01963 Sec. 371 Date Feb. 7, 1996 Sec. 102(e) Date Feb. 7, 1996 PCT Filed May 23, 1995 PCT Pub. No. WO95/33588 PCT Pub. Date Dec. 14, 1995In order to improve the compression operation and to produce better products with thin-walled castings, the invention calls for the compression operation to be divided into three phases and controlled by high-dynamic continuous-operation valves which have very short switching times and are actuated by a control device. Fitted in the hot-chamber die-casting machine for this purpose is a metal sensor which is disposed in a die relief leading from the rising bore in the casting container into the mould.

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