

Title (en)
METHOD FOR CONTROLLING A VACUUM VALVE OF A VACUUM DIECASTING DEVICE AND VACUUM DIECASTING DEVICE

Title (de)
VERFAHREN ZUM STEUERN EINES VAKUUMVENTILS EINER VAKUUMDRUCKGIESSVORRICHTUNG SOWIE
VAKUUMDRUCKGIESSVORRICHTUNG

Title (fr)
PROCEDE DE COMMANDE D'UNE SOUPAPE A VIDE D'UN DISPOSITIF DE MOULAGE SOUS VIDE ET DISPOSITIF DE MOULAGE SOUS
VIDE

Publication
EP 1425123 A2 20040609 (DE)

Application
EP 02777076 A 20020912

Priority
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• EP 0210234 W 20020912

Abstract (en)
[origin: WO03022489A2] The invention relates to a vacuum diecasting device that comprises a casting cavity (10) which can be evacuated via a vacuum valve (26) and into which a liquid casting material can be pressed by a piston (14) that is actuated by an actuator (17). The device further comprises a level sensor (20) for detecting a level of the casting material in the casting cavity, a control device (34), linked with the level sensor, for controlling the vacuum valve, and a position sensor (32), linked with the control device (34), for detecting the movement of the piston (14). The control device produces a close signal for the vacuum valve (26) when the piston, once position (s1) is reached, at which the level sensor (20) indicates a predetermined level of the casting material in the casting cavity (10), has been displaced in a predetermined manner.

IPC 1-7
B22D 17/14; **B22D 17/32**

IPC 8 full level
B22D 17/14 (2006.01); **B22D 17/32** (2006.01)

CPC (source: EP US)
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Citation (search report)
See references of WO 03022489A2

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