

Title (en)

PRESSURE BOOSTER AND DIECASTING ARRANGEMENT

Title (de)

DRUCKÜBERSETZER UND ANORDNUNG ZUM DRUCKGIESSEN

Title (fr)

MULTIPLICATEUR DE PRESSION ET ENSEMBLE DE COULÉE SOUS PRESSION

Publication

EP 2365888 B1 20130306 (DE)

Application

EP 09795981 A 20091217

Priority

- EP 2009067462 W 20091217
- DE 102008055542 A 20081217

Abstract (en)

[origin: WO2010070073A2] A pressure booster (1) for a diecasting machine comprises a pressure booster piston (4) having a valve seat (7), wherein the pressure booster piston (4) interacts with the valve seat (7) to form a shut-off or non-return valve (6). The valve body (24) is displaceable to a limited extent in the axial direction (a) and can be retained hydraulically in a starting position. (Figure 1)

IPC 8 full level

B22D 17/32 (2006.01); **B22D 17/20** (2006.01); **F15B 3/00** (2006.01)

CPC (source: EP US)

B22D 17/2069 (2013.01 - EP US); **B22D 17/32** (2013.01 - EP US); **F15B 3/00** (2013.01 - EP US); **F15B 2211/214** (2013.01 - EP US)

Cited by

DE102015202273A1; EP3421155A1; US11015619B2; US11649836B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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EP 2009067462 W 20091217; CN 200980150786 A 20091217; DE 102008055542 A 20081217; EP 09795981 A 20091217; JP 2011541456 A 20091217; US 200913140133 A 20091217