

Title (en)

Vacuum pressure casting installation and method for using the same

Title (de)

Vakuumdruk-gussanlage und Verfahren zum Betrieb

Title (fr)

Installation de coulée sous pression à vide et procédé de mise en oeuvre

Publication

EP 1832362 B1 20090930 (DE)

Application

EP 07004292 A 20070302

Priority

DE 102006010560 A 20060306

Abstract (en)

[origin: EP1832362A1] The vacuum pressure casting plant has a mold (1a,1b), a casting chamber (2), a piston (3), an exhaust valve (4), a casting plant controller (8) and a vacuum system (12). A molded inlet pipe measuring head (10) is arranged on a molded vacuum inlet pipe (22) and a container measuring head (15), is arranged on a buffer container (14) for measuring the pressure. The molded inlet pipe measuring head and container measuring head stays in connection with a vacuum plant controller (7) so that vacuum technical parameter of the vacuum pressure casting plant is determined. An independent claim is also included for a method for operating a vacuum pressure casting plant, particularly for vacuum pressure casting of metals and their alloys.

IPC 8 full level

B22D 17/14 (2006.01); **B22D 17/32** (2006.01)

CPC (source: EP)

B22D 17/14 (2013.01); **B22D 17/32** (2013.01)

Cited by

CN106457373A; US2021379651A1; US11738388B2; WO2015169777A3; US8813815B2; US8967232B2

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