

Title (en)

Process of vacuum die casting or injection moulding

Title (de)

Verfahren zum Vakuum Druck- oder Spritzgiessen

Title (fr)

Procédé de coulée sous pression sous vide ou de moulage par injection sous vide

Publication

**EP 1516687 B1 20091007 (DE)**

Application

**EP 03019142 A 20030825**

Priority

EP 03019142 A 20030825

Abstract (en)

[origin: EP1516687A1] A sensor (18) provides closing signal to the valve (17) through the conducting wire (19) which is connected with the casting piston (11) and controlled by a controller (14).

IPC 8 full level

**B22D 17/14** (2006.01); **B22D 17/20** (2006.01); **B22D 17/22** (2006.01); **B22D 17/32** (2006.01); **B29C 45/34** (2006.01); **B29C 45/63** (2006.01)

CPC (source: EP US)

**B22D 17/14** (2013.01 - EP US); **B22D 17/2069** (2013.01 - EP US); **B22D 17/32** (2013.01 - EP US)

Cited by

DE102016221674B4; DE102016221678B4; CN106735075A; CN110475632A; CN102303109A; EP2425913A1; ITMI20101606A1; DE102013018870A1; WO2018082939A3; US10994330B2; US10994329B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1516687 A1 20050323**; **EP 1516687 B1 20091007**; AT E444822 T1 20091015; DE 50312004 D1 20091119; ES 2333705 T3 20100226; JP 2005066696 A 20050317; US 2005115693 A1 20050602; US 6997237 B2 20060214

DOCDB simple family (application)

**EP 03019142 A 20030825**; AT 03019142 T 20030825; DE 50312004 T 20030825; ES 03019142 T 20030825; JP 2004240409 A 20040820; US 91583304 A 20040811