

Title (en)
Method for controlling the distribution of quantity of liquid metal

Title (de)
Verfahren zur Regelung der Metalldosiermenge

Title (fr)
Méthode pour contrôler la distribution de quantité de métal liquide

Publication
EP 1080809 B1 20050216 (DE)

Application
EP 00114000 A 20000701

Priority
DE 19941430 A 19990830

Abstract (en)
[origin: US6379609B1] The invention relates to a process for controlling casting parameters and in particular to the control of the metering of the molten metal in a casting chamber of a vacuum die-casting machine. Measurement devices connected to a computer determine the volume and condition of the molten material. An evacuation device and a vacuum valve are controlled in the form of a control circuit.

IPC 1-7
B22D 17/32; **B22D 17/14**; **B22D 18/06**

IPC 8 full level
B22D 39/02 (2006.01); **B22D 17/14** (2006.01); **B22D 17/30** (2006.01); **B22D 17/32** (2006.01); **B22D 18/06** (2006.01); **B22D 39/04** (2006.01); **B22D 39/06** (2006.01)

CPC (source: EP US)
B22D 17/14 (2013.01 - EP US); **B22D 17/30** (2013.01 - EP US); **B22D 17/32** (2013.01 - EP US)

Cited by
CN106670441A; WO02090021A1

Designated contracting state (EPC)
AT CH DE ES FR IT LI

DOCDB simple family (publication)
US 6379609 B1 20020430; AT E289238 T1 20050315; DE 19941430 A1 20010301; DE 50009534 D1 20050324; EP 1080809 A1 20010307; EP 1080809 B1 20050216; ES 2237367 T3 20050801; JP 2001079654 A 20010327; JP 4660660 B2 20110330

DOCDB simple family (application)
US 64905800 A 20000829; AT 00114000 T 20000701; DE 19941430 A 19990830; DE 50009534 T 20000701; EP 00114000 A 20000701; ES 00114000 T 20000701; JP 2000257219 A 20000828