

Title (en)

Method for controlling gas venting arrangement in injection molding apparatus, and device for controlling the same

Title (de)

Verfahren und Vorrichtung zur Kontrolle einer Entgasungsvorrichtung einer Druckgussmaschine

Title (fr)

Procédé et dispositif de contrôle d'un agencement de dégazage dans une machine de moulage par injection

Publication

**EP 0475645 B1 19970716 (EN)**

Application

**EP 91307962 A 19910830**

Priority

JP 24578990 A 19900914

Abstract (en)

[origin: EP0475645A2] A method for controlling a gas venting arrangement in an injection molding apparatus, and a device for controlling the gas venting arrangement for avoiding production of inferior molded product by means of a monitoring of a flow mode of a molten metal passing through metal molds. The gas venting arrangement includes a gas venting valve (43) disposed to selectively close a gas vent passage (29) communicating with a mold cavity (9). A first molten metal detection means (69) is disposed at the gas vent passage and a second detection means (101) is disposed thereat at a position downstream of the first sensor with respect to a flowing direction of the molten metal. Detection signals from these detection means are transmitted to a control means (102) for computing an actual molten metal flowing period. This flowing period is compared with a preset period for determination of production of the inferior product.

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