

Title (en)
Control of an injection moulding device

Title (de)
Regelung einer Druckgussvorrichtung

Title (fr)
Contrôle d'une machine d'injection

Publication
EP 0512630 B1 19960828 (FR)

Application
EP 92201229 A 19920502

Priority
FR 9105857 A 19910510

Abstract (en)
[origin: EP0512630A1] The molten metal constituting the core is forced back under pressure into a mould by means of a positive displacement (proportioning) pump, the pressure of the forced-back metal is measured and the flow rate of the pump is adapted so that the increasing pressure imposed on the forced-back molten metal does not experience sudden variation throughout the cycle of filling of the mould. <??>The method uses a measuring device 5 permitting recording of the pressure of the forced-back metal and uses a rapid-regulation loop 12 which controls the flow rate of a positive displacement (proportioning) pump 3 forcing the molten metal back into the cavity of a mould 1. <IMAGE>

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B22D 17/32

IPC 8 full level
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CPC (source: EP US)
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EP 0512630 A1 19921111; EP 0512630 B1 19960828; DE 69213086 D1 19961002; DE 69213086 T2 19970327; FR 2676190 A1 19921113; FR 2676190 B1 19960105; US 5240064 A 19930831

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