

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>

IPC 1-7  
**B22D 17/32**

IPC 8 full level  
**B22D 17/32** (2006.01)

CPC (source: EP US)  
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Cited by  
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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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**EP 92201229 A 19920502**; DE 69213086 T 19920502; FR 9105857 A 19910510; US 88065892 A 19920511