

Title (en)  
INJECTION MACHINE, ADAPTER AND INJECTION METHOD FOR AN INJECTION MOULD MACHINE

Title (de)  
SPRITZGIESSMASCHINE, ADAPTER UND SPRITZGIESSVERFAHREN FÜR EINE SPRITZGIESSMASCHINE

Title (fr)  
MACHINE A MOULER PAR INJECTION, APPAREIL ADAPTATEUR ET PROCEDE D'INJECTION PAR LA MACHINE A INJECTION DANS UN MOULE

Publication  
**EP 1946867 A1 20080723 (EN)**

Application  
**EP 05793307 A 20050916**

Priority  
ES 2005000503 W 20050916

Abstract (en)  
Injection procedure and injection machine (8) in which an injection mechanism (11) performs the injection of metallic material (13) into a mould (10), wherein they perform a preliminary injection phase with the mould (10) still open in order to reduce the total injection cycle time and to achieve improved expulsion of the air from the interior of the pipe (14) through which the material (13) moves towards the mould (10). The procedure and the machine comprise a safety system to prevent the expulsion of material to the exterior during the aforementioned preliminary injection phase.

IPC 8 full level  
**B22D 17/00** (2006.01); **B22D 17/20** (2006.01); **B22D 17/32** (2006.01)

CPC (source: EP)  
**B22D 17/00** (2013.01); **B22D 17/04** (2013.01); **B22D 17/203** (2013.01); **B22D 17/32** (2013.01)

Citation (search report)  
See references of WO 2007034001A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1946867 A1 20080723**; CN 101277774 A 20081001; WO 2007034001 A1 20070329

DOCDB simple family (application)  
**EP 05793307 A 20050916**; CN 200580051566 A 20050916; ES 2005000503 W 20050916