

Title (en)  
Low pressure casting machine and mould therefor

Title (de)  
Niederdruck-Kokillengiessanlage und Kokille dafür

Title (fr)  
Machine de coulée sous basse pression et moule

Publication  
**EP 1270114 B1 20051214 (DE)**

Application  
**EP 01114553 A 20010618**

Priority  
EP 01114553 A 20010618

Abstract (en)  
[origin: EP1270114A1] Low pressure mold casting device comprises a casting station (1) and working stations (8, 9, 10). A clamping unit (2) for receiving a mold (3) having a coupling element (17) is assigned to the casting station. The clamping unit holds the mold halves together during casting. A gripping and transporting system (5) is also included for receiving the mold by gripping the coupling element and for transporting the mold between the working stations. An Independent claim is also included for the mold used in the casting device. Preferably the casting station has a melting oven (4). The mold has a code for identifying the casting mold.

IPC 1-7  
**B22D 18/04**; **B22D 33/02**

IPC 8 full level  
**B22D 17/22** (2006.01); **B22D 18/04** (2006.01); **B22D 33/02** (2006.01); **B22D 47/00** (2006.01)

CPC (source: EP KR)  
**B22D 18/04** (2013.01 - EP); **B22D 33/02** (2013.01 - EP); **B22D 47/00** (2013.01 - KR)

Cited by  
CN106799475A; EP1797980A3; EP3395473A1; US9982329B2; US9797031B2; WO2011003396A1; US8783331B2; US9415441B2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 1270114 A1 20030102**; **EP 1270114 B1 20051214**; AT E312677 T1 20051215; AT E403509 T1 20080815; CN 1264627 C 20060719; CN 1392010 A 20030122; DE 50108384 D1 20060119; DE 50212591 D1 20080918; ES 2250264 T3 20060416; ES 2311564 T3 20090216; JP 2003039150 A 20030212; KR 20020096882 A 20021231; PT 1270115 E 20080923; TW 537939 B 20030621

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