

Title (en)  
Die casting system machine configurations

Title (de)  
Maschinenkonfigurationen für ein Druckgussystem

Title (fr)  
Configurations de machine de système de moulage

Publication  
**EP 2450125 A3 20150121 (EN)**

Application  
**EP 11187864 A 20111104**

Priority  
US 94007510 A 20101105

Abstract (en)  
[origin: EP2450125A2] A die casting system (200) comprises a die (212) which comprises a plurality of die components (214,216) that define a die cavity (220). A shot tube (224) is in fluid communication with the die cavity (220). The shot tube (224) includes an integrated melting unit (225) configured to heat a charge of material (237) from a position inside of the shot tube (224). A shot tube plunger (228) is moveable within the shot tube (224) to communicate the charge of material (237) into the die cavity (220).

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

CPC (source: EP US)  
**B22D 17/04** (2013.01 - EP); **B22D 17/10** (2013.01 - EP); **B22D 17/14** (2013.01 - EP); **B22D 17/2023** (2013.01 - US);  
**B22D 17/2038** (2013.01 - US); **B22D 17/30** (2013.01 - EP)

Citation (search report)

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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2450125 A2 20120509; EP 2450125 A3 20150121; EP 2450125 B1 20200930**; SG 180156 A1 20120530; US 2012111522 A1 20120510

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**EP 11187864 A 20111104**; SG 2011081460 A 20111104; US 94007510 A 20101105