

Title (en)  
Shot tube plunger for a die casting system

Title (de)  
Giesskolben für ein Druckgussystem

Title (fr)  
Piston d'injection pour système de moulage

Publication  
**EP 2450124 A2 20120509 (EN)**

Application  
**EP 11187861 A 20111104**

Priority  
US 94008410 A 20101105

Abstract (en)  
A shot tube plunger (128) for a die casting system includes a first face (41), an opposing second face (43) and an outer surface (45) disposed between said first face (41) and said opposing second face (43). A channel (51) circumferentially extends about the outer surface (45). The channel (51) is operable to receive a portion of a charge of material (M) introduced into the die casting system.

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

CPC (source: EP US)  
**B22D 17/203** (2013.01 - EP US)

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 2450124 A2 20120509; EP 2450124 A3 20160601**; SG 180157 A1 20120530; US 2012111524 A1 20120510

DOCDB simple family (application)  
**EP 11187861 A 20111104**; SG 2011081478 A 20111104; US 94008410 A 20101105