

Title (en)  
High temperature die casting apparatus and method therefor

Title (de)  
Hochtemperatur-Druckgießvorrichtung und Verfahren dafür

Title (fr)  
Appareil decoulée sous pression à haute température et son procédé

Publication  
**EP 2450127 B1 20191009 (EN)**

Application  
**EP 11187817 A 20111104**

Priority  
US 94036210 A 20101105

Abstract (en)  
[origin: EP2450127A2] A high temperature die casting system (10) includes a die casting tool (12) that has dies (14,16) that are adapted for forming a component (15). The die casting tool (12) is operable to heat and maintain a temperature of the dies (14,16) above 500°F (260°C). At least a portion of the die casting tool (12) that is exposed for contact with molten die casting material has a substrate (42) and barrier coating (40) on the substrate (42) to protect from the molten die casting material.

IPC 8 full level  
**B22D 17/22** (2006.01)

CPC (source: EP US)  
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DOCDB simple family (publication)  
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