

Title (en)  
Casting mould

Title (de)  
Giessform

Title (fr)  
Moule de coulée

Publication  
**EP 1236525 A3 20030702 (DE)**

Application  
**EP 01810203 A 20010227**

Priority  
• EP 01810203 A 20010227  
• EP 01810152 A 20010215

Abstract (en)  
[origin: EP1236525A2] Casting mold for metals has a mold cavity (10) formed by a conductive mold sections (2a, 2b). The surface of the cavity has a coating which is resistant to the effects of molten metal. This is less than 5 mm thick and is made from thermally-insulating, heat-shock-resistant material with a thermal conductivity below 1 W/mK. An Independent claim is included for a method for making the mold comprising: (a) applying a sol to the cavity surface, condensing to form a gel and drying to form the coating; or (b) gluing a sheet to the surface to form the coating.

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**B22C 9/06**; **B22D 17/22**; **B22C 3/00**

IPC 8 full level  
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CPC (source: EP)  
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