

Title (en)  
Die mounting

Title (de)  
Formmontage

Title (fr)  
Fixation d'un moule

Publication  
**EP 1637254 B1 20080709 (EN)**

Application  
**EP 05255609 A 20050914**

Priority  
GB 0420611 A 20040916

Abstract (en)  
[origin: EP1637254A1] The present invention provides a horizontal continuous casting apparatus comprising an inert gas-purged resistance-heated type furnace 1, a crucible 6 for containing molten metal and having an outlet 8 for molten metal, coupled to a casting die 14, and a first clamping device 28-30,32 for securing the die 14 in sealing communication with the crucible 6. A carrier adaptor 44 of an oxidation resistant refractory material comprises: a feed nozzle 50 between the crucible outlet 8 and a casting die inlet 39, a female mounting portion 52 for receiving, in sealing inter-engagement, a male mounting portion 54 of the die 14, and sealing means 58 for inter-engagement with the furnace wall 34 around the aperture 36. A second clamping device 68,70,72, is provided for releasably securing the carrier adaptor 44, in sealing inter-engagement, to the crucible 6 and furnace wall 34. The first clamping device 28-30,32 releasably secures the casting die 14 to the carrier adaptor 44.

IPC 8 full level  
**B22D 11/045** (2006.01)

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Cited by  
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