

Title (en)
Device for the manufacture of casting moulds

Title (de)
Einrichtung zur Erstellung von Giessformen

Title (fr)
Dispositif pour la fabrication de moules de coulée

Publication
EP 1488872 B1 20080917 (DE)

Application
EP 04450106 A 20040511

Priority
AT 9422003 A 20030617

Abstract (en)
[origin: EP1488872A1] To produce a sand mold, for casting, the sand is blown into a chamber zone containing a model through an opening (122), with slits at least in the limit plate to allow the air to escape. At least one plate (1) is of a wear-resistant material e.g. containing ≥ 1.0 wt.% carbon and ≥ 8.0 wt.% chrome. The material also contains manganese (Mn), molybdenum (Mo), tungsten (W) and vanadium (V) as the main alloy constituents. A number of curved slits (2) are located at the air escape zones. The plate has a sandwich structure with fasteners (123) with a carrier plate of construction steel, and a hard layer plate (12) of a wear-resistant material towards the interior.

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CPC (source: EP)
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