

Title (en)

Method and foundry moulding machine for the manufacture of sand moulds in flasks

Title (de)

Verfahren und Formmaschine zur Herstellung kastengebundener Sandformen

Title (fr)

Procédé et machine à mouler pour fonderie, pour la production d'un moule en sable dans un châssis

Publication

EP 1477251 B1 20080227 (DE)

Application

EP 04011229 A 20040512

Priority

DE 10321532 A 20030514

Abstract (en)

[origin: EP1477251A2] To produce sand mold boxes a model unit (4.02) is shrouded and moved vertically in a telescopic action by a sliding model filling frame (4.03), to take the mold box (4.01) on its upper surface to take the loose sand. In the lower position, the model filling frame rests on the laying surface (4.39) of the model unit. At the workstation (A), the filling frame is raised by the lifting table (2.01) at the rolling path (2.03) for the filling zone (2.39) to be charged with sand during a time span of 60% of the total cycle. At the next workstation (B), the sand is compressed by a tamping frame (3.14).

IPC 8 full level

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CPC (source: EP)

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