

Title (en)

CASTING MOLD MAKING APPARATUS AND CASTING MOLD MAKING METHOD

Title (de)

VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG VON GUSSFORMEN

Title (fr)

APPAREIL DE FABRICATION DE MOULES DE FONDERIE ET PROCÉDÉ DE FABRICATION DE MOULES DE FONDERIE

Publication

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Application

**EP 10834403 A 20100421**

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Abstract (en)

[origin: EP2508278A1] Provided in the present invention is a method and an apparatus for molding a mold that can make a cylinder for raising and lowering a table smaller. Also, the present invention can make the components that are required for the operation of the cylinder, etc., smaller. The apparatus comprises the following: a mechanism for raising and lowering via a table a pattern carrier located below a flask; a sand-providing mechanism for providing foundry sand into a space defined by the pattern plate of the pattern carrier and the flask; a squeezing mechanism for squeezing from above the foundry sand loaded in the space; and a fixing and releasing mechanism for fixing and releasing a component subject to squeezing power caused by a squeezing mechanism, and wherein the fixing and releasing mechanism fixes the component receiving the squeezing power to the end of the squeezing mechanism in a position above the raising and lowering mechanism.

IPC 8 full level

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- [XD] JP H026036 A 19900110 - SINTOKOGIO LTD
- [X] JP S59183950 A 19841019 - KOMATSU MFG CO LTD
- [X] US 4063586 A 19771220 - KELLER FRANZ
- See references of WO 2011067950A1

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