

Title (en)
SAND CASTING METHOD

Title (de)
SANDGIESSVERFAHREN

Title (fr)
PROCÉDÉ DE MOULAGE EN SABLE

Publication
EP 2977125 B1 20171018 (EN)

Application
EP 14769379 A 20140318

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Abstract (en)
[origin: EP2977125A1] One object of the present invention is to produce a relatively thin-walled casting by a gravity casting process using a metal which has relatively poor fluidity. A sand mold includes a recess (30) formed in a main mold (12 and 14), opening to a cavity of the main mold (12 and 14) and a partial sand mold (40) configured to be detachably attachable to the recess (30). Then, partial sand mold (40) is set to a temperature of 200°C or above, and casting is carried out by installing the partial sand mold (40) with a temperature of 200°C or above in the recess (30) of the main mold.

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