

Title (en)

METHOD AND DEVICE FOR COLLAPSING AND SEPARATING MOLD MATERIAL AND MOLD GREEN SAND FROM GREEN SAND MOLD

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ZERFALLEN UND SEPARIEREN VON KOKILLENMATERIAL UND NASSAND VON DER NASSANDKOKILLE

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT L'AFFAISSEMENT ET LA SEPARATION DU MATERIAU DE MOULAGE ET DU SABLE VERT DU MOULE EN SABLE VERT

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Application

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Abstract (en)

A method and apparatus for collecting molding greensand for greensand molds into which molten metal has been cast, wherein the molding greensand that has not been affected by heat and the molding greensand that is attached to the molding material that has been affected by the heat of molten metal can be separately collected by collapsing the greensand molds into which molten metal has been cast. The method and apparatus for collecting molding greensand, comprising airtightly surrounding greensand molds into which molten metal has been cast and which is carried in at a place where the molds are collapsed, depressurizing/collapsing the airtightly surrounded greensand molds so as to separate molding material to which the molding greensand that has been affected by heat is attached from the molding sand that has not been affected by heat, vibrating the molding material at a place different from the place where the mold is collapsed so as to separate the molding greensand that has been affected by heat from the molding material, and separately collecting the molding greensand that has been affected by heat and that that has not. <IMAGE>

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