

Title (en)

Method and device for producing tight-flask molds

Title (de)

Verfahren und Vorrichtung zur Herstellung von Formen für dichte Behälter

Title (fr)

Procédé et dispositif pour la production de châssis fermés

Publication

**EP 1964626 A1 20080903 (EN)**

Application

**EP 07012211 A 20070621**

Priority

JP 2007037239 A 20070217

Abstract (en)

A method and a device for producing tight-flask molds, in as short a cycle as possible, is provided. The method of the invention is a method for producing a tight-flask mold by transferring a flask to a position between a pattern carrier and a sand hopper by a flask conveyor that horizontally transfers flasks at a transfer level. The method includes the steps of keeping the flask in the position at the transfer level, while lowering the sand hopper, squeeze means, and a filling frame to the flask and lifting the pattern carrier and a box-like frame to the frame, thereby defining a mold space by the sand hopper, the squeeze means, the filling frame, the flask, the pattern carrier, and the box-like frame; filling molding sand into the mold space; squeezing the molding sand in the mold space to produce a tight-flask mold; and lifting the sand hopper, the squeeze means, and the filling frame and lowering the pattern carrier and the box-like frame, thereby allowing the tight-flask mold to be ready to be transferred.

IPC 8 full level

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Citation (search report)

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