

Title (en)

Method for making sand molds in a blow-and-squeeze-type apparatus

Title (de)

Verfahren zum Herstellen von Sandformen in einer Schuss- und Pressformmaschine

Title (fr)

Procédé pour fabriquer des moules en sable dans une machine de soufflage et compression

Publication

EP 1025927 B2 20090506 (EN)

Application

EP 00102465 A 20000204

Priority

JP 2691299 A 19990204

Abstract (en)

[origin: EP1025927A1] A new method for making a sand mold in a blow-and-squeeze-type apparatus is provided. The apparatus comprises a pattern plate (1), a flask (2,3), a squeeze plate (6,7), and a blow head (8). This method is characterized in that the compactability of the molding sand of the obtained mold can be easily calculated, and in that when the molding sand of the obtained mold has a compactability that is outside the permissible range, before the next mold is made the molding condition(s) of the apparatus for making a mold and/or the mixing condition(s) of the mixer is modified. Thus, even though the properties and conditions of the molding sand change, molds having desired and suitable properties and conditions can be made. <IMAGE>

IPC 8 full level

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CPC (source: EP)

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Cited by

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