

Title (en)

Installation and method for the machining of cavity walls of continuous casting moulds

Title (de)

Vorrichtung und Verfahren zum Bearbeiten von Hohlraumwänden einer Stranggiesskokille

Title (fr)

Installation et procédé pour le traitement des parois des cavités de lingotières de coulée continue

Publication

EP 1145786 B1 20041201 (DE)

Application

EP 01108683 A 20010406

Priority

CH 7252000 A 20000411

Abstract (en)

[origin: EP1145786A1] The device has planes with tool carriers in a stand with at least one planing tool and devices for producing relative tool and chamber wall movement. The carrier is twice as long as the chamber and is guided in bearings with an intermediate space for the mold. The bearing separation is greater than the mold length. A device is provided for numerically controlled tool carrier longitudinal lifting movement with a stroke longer than the chamber. The device has planes consisting of rod-shaped tool carriers (9) mounted in a stand (10) with at least one planing tool and devices for producing relative movement between the planing tool and the hollow chamber walls. The length (15) of the carrier is greater than twice that (17) of the hollow chamber and the carrier is guided in two supporting bearings (7,8) arranged with an intermediate space for the mold (2). The bearing separation is greater than the mold length. A device (14) is provided for producing numerically controlled lifting movement of the tool carrier in its longitudinal direction, whereby the lifting stroke (18) exceeds the length of the hollow chamber. Independent claims are also included for the following: a method of processing a hollow chamber wall of an extruded chilled cast-iron mold.

IPC 1-7

B22D 11/057; **B24B 5/40**

IPC 8 full level

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CPC (source: EP)

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Cited by

CN104175128A; EP2578358A3; CN105598820A; CN104175127A; CN114952624A; EP2263815B1

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