

Title (en)

Method for repositioning of a casting system for a form- and transportsystem which presses balers

Title (de)

Verfahren zur Nachpositionierung eines Giesssystems bei einem ballenpressenden Form- und Fördersystem

Title (fr)

Procédé de repositionnement d'un système à couler pour un système à couler et de transport, qui presses de balles

Publication

EP 0659504 B1 19990120 (DE)

Application

EP 94118953 A 19941201

Priority

DE 4341593 A 19931207

Abstract (en)

[origin: EP0659504A2] The invention proposes a method for repositioning the casting system in a moulding and conveying system, the deviation between the position of the bottom hole of a casting system and the position of the gate of a casting mould being determined and, after a pouring operation has been carried out, the position at the casting system being altered in accordance with this deviation if the said deviation exceeds a tolerance value. The deviation between the position of the casting system and that of the gate is determined during casting by a procedure in which a measuring zone (16) is defined in such a way in a video image (12) used to determine the liquid metal level in the gate for the purpose of controlling the said level that, if the casting system is correctly positioned above a gate, the ratio of the visible surface area (C) of the mould within the measuring zone to the visible surface area (D) of the liquid metal within the measuring zone corresponds to a specifiable factor. Deviations in the area ratios from the specifiable factor which are detected in renewed measurements are used as a measure of the deviation between the position of the casting system and the position of the gate. <IMAGE>

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