

Title (en)
CONTINUOUS CASTING MACHINE WITH A CONTINUOUS CASTING DIE FOR CASTING LIQUID METALS, PARTICULARLY STEEL MATERIALS

Title (de)
STRANGGIESSMASCHINE MIT EINER STRANGGIESSKOKILLE FÜR DAS GIESSEN VON FLÜSSIGEN METALLEN, INSBESONDERE VON STAHLWERKSTOFFEN

Title (fr)
MACHINE POUR LA COULEE CONTINUE POURVUE D'UNE COQUILLE POUR LA COULEE DE METAUX LIQUIDES, EN PARTICULIER D'ACIERS

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Application
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Priority
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Abstract (en)
[origin: WO2006058740A1] A continuous casting machine (1) for steel materials, comprising a continuous casting die (6) consisting of a casting mould (10) that is made of broad-sided plates (11) and narrow-sided plates (13), upon which piston cylinder units (16) are provided as actuators and support bearings, wherein the position thereof is measured by means of field measuring devices (21), the measuring data is stored via field bus modules (22) as BUS signals in a control unit (23) of the continuous casting machine (1) and can be returned post-processing as control signals to the actuators. According to the invention, in order to detect the measuring data locally on the continuous casting die (6) and enable local processing thereof, the respective hydraulic cylinder (16a) is connected to a valve stand (24) with a fixed terminal box (25) for the measuring signal and control signal lines (28) and the terminal box (25) is connected to an axis controller (30) enabling the field bus module (22) to guide the signals to a memory-programmable control unit (31).

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