

Title (en)
METHOD FOR THE CONTINUOUS CASTING OF A METAL STRAND IN A CONTINUOUS CASTING INSTALLATION AND A CONTINUOUS CASTING INSTALLATION

Title (de)
VERFAHREN ZUM STRANGGIEßEN EINES METALLISCHEN STRANGES IN EINER STRANGGIEßANLAGE UND STRANGGIEßANLAGE

Title (fr)
PROCÉDÉ DE COULÉE CONTINUE D'UNE BARRE COULÉE MÉTALLIQUE DANS UNE INSTALLATION DE COULÉE CONTINUE ET INSTALLATION DE COULÉE CONTINUE

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Abstract (en)
[origin: WO2013113832A1] The invention relates to a method for the continuous casting of a metal strand in a continuous casting installation (1), in which, in a casting machine (2), the metal formed into a slab, with a still molten core, is brought out vertically (V) from a mould, wherein, downstream of the mould in the conveying direction (F), the slab is made to move along a casting bow (3), through a number of casting bow segments (4, 5, 6, 7, 8, 9, 10, 11), and is deflected into the horizontal (H), wherein each casting bow segment (4, 5, 6, 7, 8, 9, 10, 11) has a number of segment rollers (12, 13), which are designed for coming into contact with the surface of the slab. To allow consistently optimum process conditions to be maintained while the casting speed is changing, the invention provides that, in the region before the end of the casting machine (14), a number of segment rollers (12, 13) are lifted off from the surface of the slab, or are not installed in receptacles provided, and so the contact between the slab and the segment roller (12, 13) is interrupted or there is no contact. The invention also relates to a continuous casting installation.

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