

Title (en)
CONTINUOUS CASTING ROLL FOR CASTING MOLTEN BATHS AND METHOD FOR PRODUCING ONE SUCH CONTINUOUS CASTING ROLL

Title (de)
GIESSWALZE FÜR DAS VERGIESSEN VON METALLSCHMELZE UND VERFAHREN ZUR HERSTELLUNG EINER SOLCHEN GIESSWALZE

Title (fr)
ROULEAU DE COULEE CONTINUE POUR COULER DU METAL LIQUIDE ET PROCEDE DE PRODUCTION D'UN TEL ROULEAU DE COULEE CONTINUE

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Application
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Abstract (en)
[origin: WO03006193A1] The invention relates to a continuous casting roll for casting molten baths, especially steel molten baths. Said casting roll comprises a roll barrel (2) consisting of a metallic material, to which a layer (4) of metallic material is applied, the metallic material of the layer having a higher hardness than that of the roll barrel (2). The inventive continuous casting roll has a longer service life and improved properties for use. This is achieved by providing the layer (4) with lower hardness over its thickness in its region adjacent to the roll barrel (2) than in the region of its free surface (5).

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