

Title (en)

METHOD AND DEVICE FOR DRAINING WASTE WATER IN THE INNER BEND OF A BEAM BLANK CASTING MACHINE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ABLEITEN VON ABLAUFWASSER IM INNENBOGEN EINER BEAM BLANK-GIESSMASCHINE

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT D'EVACUER L'EAU D'ECOULEMENT RETENUE DANS LA COURBURE INTERIEURE D'UNE MACHINE A COULER DES EBAUCHES DE POUTRELLES

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Application

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Abstract (en)

[origin: US2004255987A1] The invention relates to a method and a device for draining waste water (7) from the inner bend of the strand guide (3) of a beam blank casting machine. In order to drain said waste water from the beam blank in a targeted and controlled manner, a draining device (6) is arranged in the area of the strand guide (4) for the beam blank, said device being provided with jet nozzles (8). Under the effect of jets (13, 14) directed with high energy against the water flow direction, the waste water is lifted on the formation of a banking-up pressure by means of said draining device (6), directed at the lateral edges (11) of the inner bend (4) of the beam blank (10) and collected in a sintered groove (9), arranged thereunder.

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