

Title (en)
METHOD AND DEVICE FOR EVACUATING DRAINAGE WATER IN THE INNER ARC OF BEAM BLANK CASTING MACHINES

Title (de)
VERFAHREN UND VORRICHTUNG ZUM ABSAUGEN VON ABLAUFWASSER IM INNENBOGEN VON TR GERVORPROFIL-GIESSMASCHINEN

Title (fr)
PROCEDE ET DISPOSITIF POUR ASPIRER LES EAUX D'ECOULEMENT RETENUES DANS LA COURBURE INTERIEURE DE MACHINE A COULER DES EBAUCHES DE PROFILES DE POUTRELLES

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Abstract (en)
[origin: WO03090953A1] The invention relates to a method for collecting and evacuating run-off water from the inner arc of the strand guide (8) of a beam blank casting machine, according to which the cast strand (2) is solidified and the required dissipation of heat is achieved, among other things, by sprayed water, whereby run-off water can also collect on the inner arc of the strand (2). The run-off water is collected using a suction head (1). The run-off water that is collected in the suction head is fluidised using fluidisers or momentum inhibitors. The fluidised water is sucked off and the water-air mixture is split into water and air in a separation device. The invention also relates to a device for carrying out said method, comprising at least one suction device that is arranged or can be driven along the strand guide (8), said suction device having an attachable suction head (1) and being equipped with fluidisers. The suction device (4) is driven along the beam blank preliminary section (9) by means of manipulators (7).

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