

Title (en)

METHOD AND DEVICE FOR CONTROLLING METAL LIQUID LEVEL IN A CONTINUOUS CASTING MACHINE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR KONTROLLE DES SCHMELZSPIEGELS IN EINER STRANGGIESSVORRICHTUNG

Title (fr)

PROCEDE ET DISPOSITIF DE CONTROLE DU NIVEAU DE METAL LIQUIDE DANS UNE MACHINE DE COULEE CONTINUE

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Application

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Abstract (en)

[origin: WO0174517A1] The invention concerns the control of height H of liquid metal (2) in an injecting device (6) of a continuous casting machine. The method is characterised in that it consists in immersing a specific part P of a plunger into said liquid metal and moving the plunger in the liquid metal, so as to modify the volume of the immersed part of the plunger and cause a displacement of the liquid metal level, under the effect of hydrostatic pressure. The inventive device is characterised in that it comprises a plunger (30), means (41, 31, 32) for modifying the position of the plunger (30) and, optionally means (11, 12) for detecting the height H of the liquid metal (2). The invention enables to vary easily and accurately the height of the liquid metal.

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