

Title (en)

DEVICE FOR CONTROLLING A FLOW OF LIQUID STEEL FROM A LADLE TO A CONTINUOUS CASTING DISTRIBUTOR

Title (de)

VORRICHTUNG ZUM REGELN DER FLUSSGESCHWINDIGKEIT VON STAHLSCHELMZEN ZWISCHEN EINER GIESSPFANNE UND EIN ZWISCHENGEFÄSS

Title (fr)

DISPOSITIF DE CONTROLE DU DEBIT D'ACIER LIQUIDE ENTRE UNE POCHE ET UN REPARTITEUR DE COULEE CONTINUE

Publication

**EP 0748266 A1 19961218 (FR)**

Application

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Abstract (en)

[origin: US5772908A] PCT No. PCT/FR95/00235 Sec. 371 Date Sep. 26, 1996 Sec. 102(e) Date Sep. 26, 1996 PCT Filed Feb. 27, 1995 PCT Pub. No. WO95/23663 PCT Pub. Date Sep. 8, 1995A device for controlling a flow of liquid steel from a ladle (1) to a continuous casting distributor (8). The device includes a frame connected to the ladle (1) and comprising a guide assembly; a plate (3) movable on the guide assembly for sealing the casting opening (2); an assembly for compressing said plate (3); and a jet nozzle tube (4) extending from the casting opening (2). The plate for sealing the casting opening (2) is a sealing plate (3) designed only to seal the casting opening (2); the jet nozzle tube (4) and a plate (34) together form a rigid assembly moving along the guide assembly to a position opposite the casting opening where it replaces the sealing plate (3) which is thus driven from this position; and a compression assembly holds the plate (34) of the plate/jet nozzle tube assembly (4, 34) in sealing contact with a fixed upper plate (30).

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