

Title (en)

METHOD AND EQUIPMENT FOR THE INTEGRAL CASTING OF METAL STRIP CLOSE TO ITS FINAL DIMENSIONS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ANGIESSEN EINES ENDABMESSUNGSNAHEN METALLBANDES

Title (fr)

PROCEDE ET DISPOSITIF POUR LA COULEE D'UN FEUILLARD METALLIQUE AU VOISINAGE DE SES DIMENSIONS DEFINITIVES

Publication

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Application

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Abstract (en)

[origin: US5915459A] PCT No. PCT/DE94/01519 Sec. 371 Date Jul. 24, 1996 Sec. 102(e) Date Jul. 24, 1996 PCT Filed Dec. 14, 1994 PCT Pub. No. WO95/17987 PCT Pub. Date Jul. 6, 1995 Metal strip close to its final dimensions is cast using a strip-casting apparatus provided with a melt-holding vessel and a conveyor belt, in which a metal melt, in particular steel, flows out of a casting nozzle of a closable pouring chamber which can be put under vacuum and is connected via a siphon to a main chamber which can be put under pressure. The casting nozzle is inclined by about 45 DEG and is of trumpet-like configuration in the region of the orifice on the inside of the nozzle wall remote from the main chamber. Additionally, a shut-off element which can be opened in a slit-shaped manner is provided near the orifice of the casting nozzle.

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