

Title (en)

Process for guiding rectangular strands in a guide system

Title (de)

Verfahren zur Führung von Rechtecksträngen in einem Strangführungsgerüst

Title (fr)

Procédé de guidage de lingots continus à section rectangulaire dans un cadre de guidage

Publication

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Application

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Abstract (en)

[origin: US6070646A] PCT No. PCT/DE95/00096 Sec. 371 Date Jul. 29, 1996 Sec. 102(e) Date Jul. 29, 1996 PCT Filed Jan. 19, 1995 PCT Pub. No. WO95/20447 PCT Pub. Date Aug. 3, 1995A continuous casting device comprises, in combination, a continuous casting mold for receiving molten metal, and at least one pair of guide rolls disposed immediately downstream of the mold exit opening. The exit opening of the mold is rectangular shaped so as to permit a rectangular strand to be cast which has a liquid core, a width and a thickness. The guide rolls are constructed so as to impart to the rectangular strand leaving the mold exit opening a convex shape so as to prevent snaking of the strand within the continuous casting device. The convexity concavity extends along at least a part of the width of the strand and is no more than 8% of the strand thickness.

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