

Title (en)

METHOD FOR CONTINUOUSLY CASTING INGOTS, SLABS OR THIN SLABS

Title (de)

VERFAHREN ZUM STRANGGIESSEN VON BLÖCKEN, BRAMMEN ODER DÜNNBRAMMEN

Title (fr)

PROCEDE POUR LA COULEE CONTINUE DE BLOCS, DE BRAMES OU DE BRAMES MINCES

Publication

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Application

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Abstract (en)

[origin: WO02090019A1] The invention relates to a method for continuously casting ingots, slabs or thin slabs in a continuous casting plant. Said plant comprises strand guide segments (2.1 to 2.n) whose distances from one another can be adjusted underneath an ingot mold (1) and which have roll pairs (4, 4') that can be subjected to the action of path-controlled or position-controlled hydraulic cylinders. The thickness of the cast strand (5) is reduced by conically adjusting its strand guide segments in a soft reduction line extending up to the crater top. The aim of the invention is to improve the adaptation of the continuous casting plant to different operating parameters. To this end, at least one roll pair (4, 4') subjects the cast strand (5) to a size reduction in the area of its liquid core (7) between the ingot mold (1) and the soft reduction line (SR line). The invention also relates to a correspondingly designed continuous casting plant.

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