

Title (en)

METHOD AND CASTING MACHINE FOR PRODUCTION OF CASTING BARS IN THE SHAPE OF BILLETS OR BLOCKS

Title (de)

VERFAHREN UND GIESSMASCHINE ZUR PRODUKTION VON GUSSSTRÄNGEN IM KNÜPPEL- ODER BLOCKFORMAT

Title (fr)

PROCEDE ET MACHINE DE COULEE PERMETTANT DE FABRIQUER DES BARRES DE COULEE SOUS FORME DE BLOCS OU DE BILLETES

Publication

EP 1441871 B1 20070418 (DE)

Application

EP 02785358 A 20021104

Priority

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- EP 0212263 W 20021104

Abstract (en)

[origin: US2009178777A1] A casting machine for producing cast strands (2) in shape of billets or ingots includes a continuous casting mold (1) for forming a cast strand (2) that is deflected by a cast radius (R) from a vertical casting direction in horizontal casting direction (13), a straightening region (A) having straightening profiled roller pairs (4, 5, 6) with positive diametrical regions (h, b) or negative diametrical regions (-h, -b) for forming the cast strand with one or several projections (h, b) or recesses (-h, -b); and with at least one pair of straightening profiled rollers (4 to 6) provided on both sides of a tangent point (3) of the cast radius (R) and a soft-reduction region (B) adjoining the straightening region and having at least one roller pair (7, 8, 9) with thickness-reducing smooth rollers.

IPC 8 full level

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