

Title (en)

CASTING NOZZLE FOR A HORIZONTAL CONTINUOUS CASTING SYSTEM

Title (de)

GIESSDÜSE FÜR EINE HORIZONTALE BANDGIESSANLAGE

Title (fr)

BUSE DE COULÉE POUR UNE INSTALLATION DE COULÉE HORIZONTALE SUR BANDE

Publication

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Application

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Abstract (en)

[origin: WO2010102599A1] The invention relates to a casting nozzle for a horizontal continuous casting system, in particular for casting steel strip, wherein the nozzle is designed as a narrow rectangular hollow block having a bottom, top and two side walls and made of fire-proof material, the outflow region being located only little above a cooled continuous strip receiving the outflowing melt. Viewed in the flow direction, it is provided that the clear cross-section of the hollow block in the outflow region reduces uniformly in the direction toward the outflow and the face of the bottom of the hollow block is designed with respect to the surface of the continuous strip such that the melt comes in contact with the continuous strip perpendicularly.

IPC 8 full level

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