

Title (en)

DOUBLE-JET COOLING DEVICE FOR SEMICONTINUOUS VERTICAL CASTING MOULD

Title (de)

DOPPELDÜSEN-KÜHLVORRICHTUNG FÜR EINE SEMIKONTINUIERLICHE VERTIKALE GUSSFORM

Title (fr)

DISPOSITIF DE REFROIDISSEMENT A DOUBLE JET POUR MOULE DE COULEE SEMI-CONTINUE VERTICALE

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Application

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Abstract (en)

[origin: WO2013104846A1] The subject of the invention is a direct cooling device for a mould for the semicontinuous vertical casting of slabs for rolling or ingots for extruding (3) that are progressively quenched with a double jet (jets 4 and 5), the first one at substantially 32° and the second substantially 22°, simultaneously, each jet delivering substantially the same flow rate and flow velocity from a single chamber (2) of liquid. Another subject of the invention is a method implementing said device, with or without a graphite insert (1) on the working faces and in combination with various configurations of false bottom.

IPC 8 full level

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