

Title (en)
HIGH-SPEED THIN-SLABBING PLANT

Title (de)
HOCHGESCHWINDIGKEITS-DÜNNBRAMMENANLAGE

Title (fr)
UNITE DE PRODUCTION DE BRAMES MINCES A HAUTE VITESSE

Publication
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Application
EP 96928327 A 19960719

Priority
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Abstract (en)
[origin: WO9705971A1] The invention pertains to a plant to produce hot-rolled steel strip from a band of continuous cast input stock in a sequence of process steps, characterized by a continuous casting plant with a continuous casting and rolling unit with a casting speed of 4-8 m/min and a solidification thickness of 90-125 mm, using an oscillating continuous casting die with concavity between cast level and die outlet and/or a casting guide with concavity and/or with centering and guide elements in the continuous casting stand in the region of their narrow sides for purposes of guiding and centering the slab. A cooling and insulating section is provided between continuous casting plant and soaking furnace for the input stock strip and a crossover furnace of about 45 m in length and about 5 to 20 m in width, downstream of the continuous casting plant and upstream of the blooming mill.

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