

Title (en)

CONTINUOUSLY OPERATING CASTING AND ROLLING SYSTEM

Title (de)

KONTINUIERLICH ARBEITENDE BANDGIESS- UND WALZANLAGE

Title (fr)

INSTALLATION DE COULÉE EN BANDE ET DE LAMINAGE FONCTIONNANT EN CONTINU

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Application

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Abstract (en)

[origin: WO2014005575A2] The invention relates to a continuously operating casting and rolling system having a strip tension control means, consisting of a casting unit having a melt-containing feed vessel comprising a horizontal casting channel and a discharge region in the form of a casting nozzle, and a primary cooling zone comprising two guide rolls and a circulating cooled casting strip and at least one downstream rolling unit consisting of at least two drivable rollers. In order to minimise the tension on the cast strip, the casting unit and the subsequent rolling unit are mechanically decoupled, wherein for the decoupling at least one driver unit comprising at least two drivable rollers for driving the strip is arranged between the casting belt and the rolling unit.

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