

Title (en)

THICK STEEL PLATE MANUFACTURING DEVICE AND MANUFACTURING METHOD

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG DICKER STAHLPLATTEN

Title (fr)

DISPOSITIF ET PROCÉDÉ DE FABRICATION D'UNE TÔLE D'ACIER ÉPAISSE

Publication

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Application

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Abstract (en)

It is an object to provide a facility and a method for manufacturing a steel plate which perform uniform cooling in a cooling step by uniformizing scale formed on a surface of the steel plate in a descaling step, to manufacture the steel plate having excellent shape. A facility for manufacturing a steel plate includes a hot rolling apparatus, a shape correcting apparatus, a descaling apparatus and an accelerated cooling apparatus which are disposed in this order from an upstream side in a conveyance direction, wherein an energy density E of cooling water that is jetted towards a surface of a steel plate by the descaling apparatus is greater than or equal to 0.10 J/mm².

IPC 8 full level

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