

Title (en)

CONTROLLABLE COOLING METHOD FOR THICK STEEL PLATE, THICK STEEL PLATE MANUFACTURED BY THE CONTROLLABLE COOLING METHOD, AND COOLING DEVICE FOR THE THICK STEEL PLATE

Title (de)

STEUERBARES KÜHLVERFAHREN FÜR EINE DICKE STAHLPLATTE, DURCH DAS STEUERBARE KÜHLVERFAHREN HERGESTELLTE DICKE STAHLPLATTE UND KÜHLVORRICHTUNG FÜR DIE DICKE STAHLPLATTE

Title (fr)

PROCEDE ET DISPOSITIF DE REFROIDISSEMENT CONTROLE POUR PLAQUE EN ACIER EPAISSE, ET PLAQUE EN ACIER EPAISSE AINSI OBTENUE

Publication

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Application

EP 04745851 A 20040608

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Abstract (en)

[origin: EP1634657A1] The present invention relates to a control cooling system (accelerated control cooling system) for a steel plate after completion of hot rolling and a cooling apparatus. To be specific, the present invention relates to a control cooling system for a steel plate after completion of hot rolling, including uniformizing the temperature distribution in the width direction of the steel plate before control cooling or in the initial stage of control cooling, and then cooling the steel plate at the same cooling rate across the width direction with a control cooling device, a steel plate produced by the control cooling system, and the cooling apparatus.

IPC 8 full level

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Cited by

DE102015112293A1; KR101279387B1; EP2072157A4; CN102121063A; FR3060021A1; US2022064773A1; CN112570450A; US8051695B2; US11230748B2; US11148182B2; WO2010037481A3; WO2018108747A1; WO2010037481A2; US9539629B2; WO2017017150A1; US10676807B2; WO2014164115A1; US9889480B2; US10130979B2; US11781198B2; EP2969279B1

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