

Title (en)

METHOD OF CONTINUOUS ANNEALING OF COLD ROLLED STEEL PLATE AND EQUIPMENT THEREFOR

Title (de)

VERFAHREN UND VORRICHTUNG ZUM KONTINUIERLICHEN GLÜHEN KALTGEWALZTER STAHLPLATTEN

Title (fr)

PROCEDE DE RECUIT EN CONTINU DE TOLES D'ACIER LAMINEES A FROID ET EQUIPEMENT CORRESPONDANT

Publication

EP 0779370 A1 19970618 (EN)

Application

EP 95934304 A 19951013

Priority

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- JP 18973295 A 19950704

Abstract (en)

Cold rolled steel plate is continuously annealed by means of a continuous annealing equipment which comprises heating means provided in a heating zone and a soaking zone to make use of Joule heat, and cooling means provided in a cooling zone to make use of gas-liquid. Further, provided is a heating device which rapidly provides auxiliary temperature-rise at any portion of the soaking zone in a short period of time to perform heating control so as to set a value of annealing parameter (AP) to -33 or more whereby workability and BH property are improved to continuously anneal steel plates in a compact manner by rapid heating and cooling which are favorably controlled. <IMAGE>

IPC 1-7

C21D 9/56

IPC 8 full level

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CPC (source: EP KR)

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Cited by

BE1012934A3; ITBO20130601A1; ITBO20130602A1; US9290823B2; US6638380B1; WO0127340A1; US10358691B2; US10604820B2; US10351928B2; US10480044B2; WO2015063748A3; WO2015063749A3; EP3066225B1; EP3066224B1

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