

Title (en)

METHOD FOR PRODUCTION OF NI-CONTAINING STEEL PLATE

Title (de)

VERFAHREN ZUR HERSTELLUNG VON NI-HALTIGEM STAHLBLECH

Title (fr)

PROCÉDÉ DE PRODUCTION DE TÔLE D'ACIER CONTENANT DU NI

Publication

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Application

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Abstract (en)

[origin: EP3674426A1] The method for production according to the embodiment of the present invention includes the steps of, in sequence: quenching a steel including a predetermined chemical composition, with the balance being Fe and inevitable impurities, from a quenching temperature of 800°C or higher and 820°C or lower after hot-rolling the steel; applying an intermediate heat treatment to the quenched steel by holding the steel at a heating temperature of 690°C or higher and 710°C or lower and then cooling the steel at an average cooling rate of 5°C/sec or more until a cooling end temperature of 200°C or lower; and tempering the steel at a tempering temperature of 570°C or higher and 600°C or lower, wherein a parameter H defined by a heating and holding time during the intermediate heat treatment, and a heating and holding time during the tempering is set at 1.73×10^{-6} or more and 1.96×10^{-6} or less.

IPC 8 full level

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