

Title (en)

METHOD FOR PRODUCING A HOT ROLLED STRIP FROM AUSTENITIC RUST-RESISTANT STEELS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON WARMBAND AUS AUSTENITISCHEN NICHTROSTENDEN STÄHLEN

Title (fr)

PROCEDE DE PRODUCTION DE FEUILLARD LAMINE A CHAUD A PARTIR D'ACIERS AUSTENITIQUES INOXYDABLES

Publication

EP 1469954 B1 20060322 (DE)

Application

EP 03702404 A 20030109

Priority

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- EP 0300119 W 20030109

Abstract (en)

[origin: US7922840B2] A method for producing hot-rolled strip from austenitic stainless steels. In a first step, a cast product is subjected to a rolling operation in a rolling mill with a finishing train, and, in a second step, a heat treatment is carried out to prevent susceptibility to corrosion, especially intergranular corrosion due to chromium carbide precipitation. To establish the final rolling temperature (Twe), a run-in temperature (Tein) of the cast product into the finishing train of the rolling mill that is above 1,150° C., and preferably above 1,200° C., is established by a multistage heating process, especially a two-stage heating process, which comprises a preheating stage and an intensive heating stage, and the heat treatment is carried out by directly utilizing the rolling heat.

IPC 8 full level

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