

Title (en)
METHOD AND INSTALLATION FOR PRODUCING A HOT ROLLED STRIP FROM AUSTENITIC RUST-RESISTANT STEELS

Title (de)
VERFAHREN UND ANLAGE ZUR HERSTELLUNG VON WARMBAND AUS AUSTENITISCHEN NICHTROSTENDEN ST HLEN

Title (fr)
PROCEDE ET DISPOSITIF DE PRODUCTION DE FEUILLARD LAMINE A CHAUD A PARTIR D'ACIERS AUSTENITIQUES INOXYDABLES

Publication
EP 1469954 A1 20041027 (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.

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WO2008000396A1; EP2441538A1; EP2441539A1; EP2441540A1; WO2012049105A1; WO2012049107A1; WO2012049135A1; RU2650651C1; WO2013110754A2; US9289807B2; US9296027B2

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