

Title (en)

METHOD FOR PRODUCING CONVENTIONALLY HOT-ROLLED STRIP PRODUCTS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON KONVENTIONELL WARMGEWALZTEN WARMBANDERZEUGNISSEN

Title (fr)

PROCÉDÉ POUR LA FABRICATION DE PRODUITS DE TYPE FEUILLARD À CHAUD LAMINÉS À CHAUD DE MANIÈRE CLASSIQUE

Publication

**EP 3899060 A1 20211027 (DE)**

Application

**EP 19832077 A 20191218**

Priority

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- EP 2019086059 W 20191218

Abstract (en)

[origin: WO2020127558A1] The invention relates to a method for producing conventionally hot-rolled strip products, wherein a steel alloy is melted, the melted steel alloy is cast into slabs and the slabs are hot-rolled to a desired degree of deformation of a desired strip thickness after heating to above Ac3, the alloy is rolled above the recrystallization temperature, the strip is cooled to room temperature after the rolling and, for the purpose of hardening, is briefly heated to greater than Ac3 and cooled again, characterized in that the heating occurs with a temperature rise of more than 5 K/s, preferably more than 10 K/s, particularly preferably more than 50 K/s, in particular more than 100 K/s, and is stopped at a desired target temperature of 0.5 to 60 s and then cooling occurs.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2020127558A1

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