

Title (en)

A HIGH EFFICIENT, ENERGY-SAVING PROCESS OF CONTINUOUS CASTING-ROLLING OF THE STRIP STEELS

Title (de)

HOCHEFFIZIENTES ENERGIESPARENDES VERFAHREN ZUM WALZEN VON STAHLBÄNDERN UNMITTELBAR NACH DEM STRANGGIESSEN

Title (fr)

PROCÉDÉ À ÉCONOMIE D'ÉNERGIE ET TRÈS EFFICACE POUR COULER-LAMINER EN CONTINU DES BANDES D'ACIER

Publication

**EP 2174728 A4 20100908 (EN)**

Application

**EP 07764162 A 20070704**

Priority

CN 2007070233 W 20070704

Abstract (en)

[origin: EP2174728A1] A high efficient, energy-saving process of continuous casting-rolling of the strip steels includes the following steps: continuous casting the blanks, cutting the casting blanks, transferring the casting blank to a heating furnaces by a roller track, heating the casting blanks, dephosphorizing the casting blanks, rough rolling, cutting the heads and the ends, finishing, cooling and curling. The continuous casting step is provided with at least two casting liquids, and is provided with at least two furnaces for the casting blanks heating. Said furnaces are interlaced arranged in the both sides of the rolling line. The invention realizes four casting liquids entering into a rolling line, and they are continuous rolled at a same high temperature, thus the throughput of CCM and the rolling mill is highly matching.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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- [A] US 4698897 A 19871013 - FROMMANN KLAUS [DE], et al
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