

Title (en)
METHOD FOR PRODUCING HOT-ROLLED STEEL STRIP

Title (de)
VERFAHREN ZUR HERSTELLUNG VON WARMGEWALZTEM STAHLBAND

Title (fr)
PROCEDE POUR FABRIQUER UN FEUILLARD D'ACIER LAMINE A CHAUD

Publication
EP 0889762 B1 19991027 (DE)

Application
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Abstract (en)
[origin: US6092586A] PCT No. PCT/DE97/00683 Sec. 371 Date Sep. 28, 1998 Sec. 102(e) Date Sep. 28, 1998 PCT Filed Mar. 25, 1997 PCT Pub. No. WO97/36699 PCT Pub. Date Oct. 9, 1997 Hot rolled steel strip is produced from continuously cast semi-finished steel in directly successive work steps, in which, after conversion of the molten steel into continuously cast semi-finished steel in a stationary process, the semi-finished steel is fed directly from the continuous casting to a continuous hot rolling mill, without prior separation, and an endless steel strip of any desired thinness is produced at the final rolling temperatures usual in process technology directly from the primary heat, using certain parameters.

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Cited by
DE102015223600A1; EP2441540A1; EP2441539A1; WO2012049135A1; WO2012049107A1; AU2005330323B2; AT506065B1; AU2008285980B2; EP2441538A1; DE102008020412A1; DE102007058709A1; WO2012049105A1; WO2009018957A1; WO2006106376A1; DE102009018683A1; WO2010121763A1; DE102017200731A1; US11000888B2; US7832460B2; US8601851B2; US9296027B2; US9289807B2; EP3138639A1; DE102017213986A1; WO2019030392A1; DE102009037278A1; WO2011018217A2; US8365806B2; WO2017140886A1; WO2017140891A1

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