

Title (en)  
METHOD OF PRODUCING A HOT-ROLLED TWIP-STEEL AND A TWIP-STEEL PRODUCT PRODUCED THEREBY

Title (de)  
VERFAHREN ZUR HERSTELLUNG EINES HEISSGEWALZTEN TWIP-STAHLS UND DADURCH GEWONNENES HEISSGEWALZTES TWIP-STAHLPRODUKT

Title (fr)  
PROCÉDÉ DE FABRICATION D'UN ACIER TWIP LAMINÉ À CHAUD ET ACIER TWIP LAMINÉ À CHAUD FABRIQUÉ SELON CE PROCÉDÉ

Publication  
**EP 2257394 A1 20101208 (EN)**

Application  
**EP 09705515 A 20090130**

Priority

- EP 2009000633 W 20090130
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Abstract (en)  
[origin: WO2009095264A1] This invention relates to a method for the manufacture of a TWIP-steel strip, whereby molten steel is cast in a continuous casting machine with one or more strands to form a slab having a thickness of at least 30 mm and at most 120 mm and, while making use of the casting heat, is conveyed through a furnace apparatus, is hot-rolled in a hot-rolling mill comprising one or more rolling stands into a steel strip of a desired final thickness (hf), i. in an endless rolling process wherein, a. there is a material connection between the steel in the continuous casting machine, in the furnace apparatus and the hot rolling mill and the optional forced cooling zone, or b. wherein slabs of a plurality of strands are connected so as to form a continuous slab thereby achieving a material connection between the steel in the furnace apparatus and the hot rolling mill and the optional forced cooling zone; or ii. in a semi-endless rolling process wherein there is a material connection between the steel in the furnace apparatus and the hot rolling mill and the optional forced cooling zone, and wherein the strip after the endless or semi-endless rolling and after the optional forced cooling is cut to portions of the desired length which are subsequently coiled.

IPC 8 full level  
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**B21B 1/46** (2013.01 - KR); **B22D 11/12** (2013.01 - KR); **B22D 11/1206** (2013.01 - EP); **C21D 7/13** (2013.01 - EP); **C21D 8/12** (2013.01 - KR); **C21D 9/48** (2013.01 - EP); **C22C 38/58** (2013.01 - EP KR); **B21B 1/463** (2013.01 - EP)

Citation (search report)  
See references of WO 2009095264A1

Cited by  
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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

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