

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

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Priority

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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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Citation (search report)

See references of WO 2009095264A1

Cited by

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