

Title (en)

METHOD FOR PRODUCING SEAMLESS TUBES BY MEANS OF A THREE-ROLL BAR ROLLING MILL

Title (de)

VERFAHREN ZUR HERSTELLUNG NAHTLOSER ROHRE MITTELS EINES DREI-WALZEN-STANGENWALZWERKS

Title (fr)

PROCÉDÉ DE FABRICATION DE TUBES SANS SOUDURE AU MOYEN D'UN LAMINOIR À BARRES À TROIS CYLINDRES

Publication

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Application

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Abstract (en)

[origin: CA2745586A1] The invention relates to a method for producing seamless tubes from metal, particularly from steel, wherein a previously produced hot hollow block is stretched by means of a three-roll bar rolling mill on a mandrel to form a parent tube and, before running into the bar rolling mill, the hollow block is provided with a rolling step that makes the diameter more uniform by means of an upstream stand. It is in this case provided that the rolls of the upstream stand are moved apart and together to the same extent as the deforming stands of the bar rolling mill, wherein the calibrating base radius of the rolls of the upstream stand extends over 60° and this is followed by a flank radius with a tangential transition which is dimensioned such that even with the maximum adjustment of the rolls in the region of the flank there is virtually no diameter reduction of the largest hollow block diameter to be expected.

IPC 8 full level

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