Title (en)

RETAINED MANDREL ROLLING MILL FOR SEAMLESS TUBES

Title (de)

WERK ZUM WALZEN MIT FESTGEHALTENEM DORN FÜR NAHTLOSE ROHRE

Title (fr)

LAMINOIR À MANDRIN RETENU POUR TUBES SANS SOUDURES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2007144905A1] A rolling mill (10) for processing seamless tubes comprises a plurality of rolling units (U) that are sequentially arranged along a rolling axis (L), each of which is provided with at least three removable working rolls (12), which are each equipped with a groove (12a) for accommodating the tube to be worked the rolling mill comprises a mandrel suitable to be fitted in the tube cavity during the process; the tube is worked by being sequentially passed, with the mandrel (22) fitted in the tube cavity, within the grooves (12a) of the rolls (12) of the rolling units (U) such that the outer diameter of the tube (T) is reduced; in order to have low capital and production costs, each roll (12) of each rolling unit (U) has a fixed nominal diameter.

IPC 8 full level (invention and additional information)

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CPC (invention and additional information)

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