

Title (en)

A METHOD OF ROLLING TRANSVERSE RIBBED TUBES AND A SET OF TOOLS FOR ROLLING TRANSVERSE RIBBED TUBES

Publication

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Application

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Priority

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Abstract (en)

[origin: EP0121252A2] A method of rolling transverse ribbed tubes consists in that the rib (11) after forming is deflected in the direction of rolling parabolically, the external tube (4) is pressed down to the core tube (5), and deflecting the rib (11) and pressing down the external tube (4) to the core tube (5) is carried out during one revolution of the tube, and afterwards the rib is straightened. A set of tools for rolling transverse ribbed tubes has three tools provided with roll-formed disks (6, 7, 8, 9), supporting and straightening, whereby the second - in the direction of rolling - part of the profile of supporting disks is concave, preferably parabolically, and the last - in the direction of rolling - tool is provided with a supporting disk of the outer diameter bigger by from 0.1 to 0.8 mm from the outer diameter of the other supporting disks.

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