

Title (en)

COMPACT PLANT FOR ROLLING SEAMLESS TUBES

Title (de)

KOMPAKTE ANLAGE ZUM WALZEN VON NAHTLOSEN ROHREN

Title (fr)

INSTALLATION COMPACTE POUR LE LAMINAGE DE TUBES SANS SOUDURE

Publication

**EP 3174649 A1 20170607 (EN)**

Application

**EP 15747555 A 20150709**

Priority

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Abstract (en)

[origin: WO2016016751A1] The present invention relates to a compact plant (10) for rolling a seamless tube. The plant comprises a rotary piercer (20) which defines a rolling axis XPR and is designed to pierce a billet (11) pressed against a plug (22) mounted on a rod so as to obtain a pierced blank (12). The rod is connected to a thrust block (26) designed to oppose the axial thrust during piercing. The plant also comprises a longitudinal mill (30) which defines a rolling axis XLL and is designed to roll the pierced blank (12) on a mandrel (32) so as to obtain a semi-finished tube (13). The mandrel is connected to a retaining block (34) designed to impart to the mandrel a predetermined speed during rolling. In the plant (10) according to the invention the rolling axes XPR and XLL coincide. The invention also relates to a method for rolling a seamless tube.

IPC 8 full level

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