

Title (en)

COLD PILGER ROLLING MILL AND METHOD FOR PRODUCING A PIPE

Title (de)

KALTPILGERWALZANLAGE UND VERFAHREN ZUM HERSTELLEN EINES ROHRS

Title (fr)

LAMINOIR À FROID À PAS DE PÈLERIN ET PROCÉDÉ DE FABRICATION D'UN TUBE

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Application

EP 17714418 A 20170328

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Abstract (en)

[origin: WO2017167745A1] The invention relates to a cold pilger rolling mill for cold-forming a bloom to form a cold-hardened pipe. In addition to a roll stand (2) which can move back and forth in a direction parallel to a longitudinal axis of the bloom (11) and which has rollers (2, 3) rotatably mounted thereon, a roller mandrel (4) retained by a mandrel bar (8) and at least one feed clamping slide (5) for gradually feeding the bloom in a direction towards the roller mandrel, on which a feed chuck that can be opened and closed in the radial direction is secured for receiving the bloom, the cold pilger rolling mill according to the invention has at least one mandrel thrust block (15) having a chuck for retaining the mandrel bar. A front mandrel thrust block is arranged in front of the feed clamping slide in the feed direction of the bloom, such that the mandrel bar can be held in place by the chuck of the front mandrel thrust block during an operation of the cold pilger rolling mill. The chuck of the front mandrel thrust block can be opened in the radial direction, such that a bloom can be guided through between the chuck and the mandrel bar. The cold pilger rolling mill according to the invention is characterised in that the front mandrel thrust block is at a distance of at least 30 m from the feed chuck, measured with the feed clamping slide at the rear turning point thereof. The distance is also measured between the rear (in the feed direction of the bloom) end of the chuck of the front mandrel thrust block and the front (in the feed direction of the bloom) end of the feed chuck of the feed clamping slide at the rear turning point thereof. Figure 2

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