

Title (en)
METHOD AND ROLLING STAND FOR PRODUCING RODS, BAR STOCK OR SEAMLESS TUBES

Title (de)
VERFAHREN UND WALZANLAGE ZUM HERSTELLEN VON DRAHT, STÄBEN ODER NAHTLOSEN ROHREN

Title (fr)
PROCEDE ET INSTALLATION DE LAMINAGE PERMETTANT DE PRODUIRE DU FIL METALLIQUE, DES BARRES OU DES TUYAUX SANS SOUDURE

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Abstract (en)
[origin: WO03057383A1] The invention relates to a method for producing rods, bar stock or seamless tubes on a rolling stand for rolling hot metal material. Said rolling stand optionally comprises, when seen in the direction of rolling, a piercing-crossrolling mill, a multiple-stand stretch-rolling mill as the main stretching stage (4), a drawing mill (6), a finishing mill (10) and a rod rolling block (15) and devices, mounted upstream, intermediately or downstream thereof, such as a preheating furnace and a reheating furnace (11), roller tables (14) and a cooling bed (13). According to the inventive method, in the main stretching stage (4), a three-roller continuous rolling mill (3) is used both for rolling tubes and for massive rolling for producing bar stock, rods or the like. For massive rolling, the mandrel bar used for tube milling is brought out of the operative position and the provided bar stock rolls calibrated for a larger diameter reduction than used for tube milling are replaced by rolls calibrated for tube milling. A rolling mill suitable for carrying out the inventive method has, in the main stretching stage (4), a multi-stand three-roller continuous rolling mill (3) adapted to receive bar stock rolls or tube rolls and a device for removing the mandrel bar.

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Cited by
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