

Title (en)

A CENTERING AND CRAMPING ADJUSTING MECHANISM FOR ADJUSTING THE CLEARANCE BETWEEN SUB-GUIDE ROLLERS, FOR USE IN A MATERIAL GUIDING APPARATUS OF A ROLLING MILL

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Application

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Abstract (en)

[origin: EP0013671A1] An automatic centering and cramping condition for rolled material (W) adjusting mechanism for adjusting the clearance between sub-guide (41, 51) rollers, for use in a material guiding apparatus of a rolling mill for rolling a steel blank into wires, bars etc., the material guiding apparatus having a pair of roller holders (2, 3) carrying a pair of main guide rollers (4, 5) and a pair of sub-guide rollers (41, 51). For even contact with the rolled material (W) and for optional centering the subguide rollers are (41, 51) rotatably carried by eccentric shaft pins unitary with support shafts (25) supported by the roller holders (2, 3). Left and right hand screw gears (27, 28) respectively are attached to the support shafts (25). Manually operable left and right hand screw worm gears (29, 30) respectively engage with the gears (27, 28) attached to the support shafts (25) respectively. The worm gears (29, 30) are carried by respective shafts (13, 14) which may be brought into engagement for unitary rotation with each other as necessitated.

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