

Title (en)
APPARATUS FOR SMOOTHING AND THICKENING WOODEN WORK PIECES OF ANY SIZE, PARTICULARLY SHORT AND THIN PIECES

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Application
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Abstract (en)
[origin: US4964446A] The invention relates to a machine for surface and thickness working of wood workpieces of any dimensions, in particular short and thin workpieces without rigid clamping of the workpiece, consisting of a machine housing, a movable working table, a two-part baseplate with circular cutout into which a face of a milling head provided with fixed and exchangeable cutting edges is inserted. In the head, there is a guide insert. An upper guide strip is disposed in exactly the same plane as the cutting edge apex on the milling head and also in the same plane as a stationary portion of the baseplate. At least two working spindles, set at predetermined angles, are provided. The workpiece slides on the two-part baseplate guided by two flank guide rails and an upper guide strip forming together a movement channel for the workpiece.

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Citation (search report)
• [X] DE 1081653 B 19600512 - HASLER & CO
• [Y] DE 892371 C 19531005 - WALTER ERNST SCHWEIZER
• [Y] US 4690186 A 19870901 - CHAPMAN ROBERT E [CA]
• [Y] FR 463863 A 19140306 - JEAN BAPTISTE HARISTOY [FR]
• [Y] US 2725084 A 19551129 - CARLSON LEWIS B
• [A] DE 530842 C 19310801 - TEICHERT & SOHN
• [A] GB 902168 A 19620725 - HORSTMANN & SHERWEN LTD
• [A] DE 382103 C 19230928 - JOSEF RICHTER
• [A] US 2722956 A 19551108 - WALTER LUDWIG PAUL

Cited by
AT14605U1; CN112692927A; EP0904903A3

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