

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

Publication
EP 0382877 A3 19910724 (DE)

Application
EP 89107383 A 19890424

Priority
YU 37489 A 19890217

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.

IPC 1-7
B27C 1/04

IPC 8 full level
B27C 1/00 (2006.01); **B27C 1/04** (2006.01); **B27C 9/04** (2006.01); **B27G 13/08** (2006.01)

CPC (source: EP US)
B27C 1/005 (2013.01 - EP US); **B27C 1/04** (2013.01 - EP US); **Y10T 409/3042** (2015.01 - EP US)

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Designated contracting state (EPC)
AT CH DE ES FR GB IT LI SE

DOCDB simple family (publication)
EP 0382877 A2 19900822; **EP 0382877 A3 19910724**; **EP 0382877 B1 19940112**; AT E100017 T1 19940115; DE 58906711 D1 19940224; ES 2050179 T3 19940516; JP H0367601 A 19910322; US 4964446 A 19901023; YU 37489 A 19931020

DOCDB simple family (application)
EP 89107383 A 19890424; AT 89107383 T 19890424; DE 58906711 T 19890424; ES 89107383 T 19890424; JP 19701689 A 19890731; US 40863089 A 19890918; YU 37489 A 19890217