

Title (en)

Machining centre for machining workpieces made of wood or the like.

Title (de)

Bearbeitungszentrum zur Herstellung von Werkstücken aus Holz oder ähnlichem

Title (fr)

Centre d'usinage pour pièces d'usinage en bois ou similaire

Publication

EP 1857239 A3 20080903 (EN)

Application

EP 07108275 A 20070515

Priority

IT BO20060366 A 20060516

Abstract (en)

[origin: EP1857239A2] A machining centre for machining workpieces (1) made of wood or the like comprises: a worktable (3) supporting the workpiece (1) and equipped with at least one holding part (4) positioned at the side of the worktable (3) and designed to clamp the workpiece (1) and, respectively, to move it in a direction of feed coinciding with a first axis (X) towards a frame (6), extending transversally to the worktable (3), and supporting a machining head (7) slidably movable along a second axis (Y) transversal to the worktable (3) and along a third, vertical axis (Z); a holding table (10) is inserted between the machining head (7) and the workpiece (1), movable with the machining head (7) along the second, transversal axis (Y); the table (10) slidably associated with a first supporting guide (11), positioned on the frame (6) and extending parallel with the second, transversal axis (Y); means (12) for adjusting the table (10) along the third, vertical axis (Z), positioned on the first guide (11) and acting on the table (10) in such a way as to position the table (10) relative to the workpiece (1) and irrespective of the position which the machining head (7) can assume along the third, vertical axis (Z).

IPC 8 full level

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CPC (source: EP)

B27C 5/06 (2013.01); **B27C 9/04** (2013.01); **B27M 1/08** (2013.01)

Citation (search report)

- [Y] DE 4442896 C1 19960711 - KEUSCH SIEGFRIED [DE]
- [Y] US 5230594 A 19930727 - PILKINGTON DONALD J [GB]
- [Y] DE 8436065 U1 19860619
- [A] EP 0922547 A2 19990616 - IMA MASCHINENFABRIKEN KLESSMANN GMBH [DE]
- [PA] DE 102006019115 A1 20061102 - SCM GROUP SPA [IT]
- [A] DE 10317486 A1 20041111 - WASSMER SPEZIALMASCHINEN GMBH [DE]
- [A] DE 2726382 A1 19781214 - WASSMER PAUL
- [A] US 4382728 A 19830510 - ANDERSON BIRGER O, et al

Cited by

CN104526828A; CN108908517A; CN110405858A; CN106166782A; ITBO20150200A1; CN107160492A; CN106182188A; CN102281798A; CN107363571A; CN106738092A; EP3366441A1; IT201700021203A1; WO2010058260A1

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