

Title (en)

A woodworking drilling machine with an improved panel drilling unit

Title (de)

Eine Bohrmaschine für das Holz mit einem verbesserten Panel Bohraggregat

Title (fr)

Une perceuse pour le bois, comprenant une unité de perçage de panneaux améliorée

Publication

**EP 2425943 A1 20120307 (EN)**

Application

**EP 11175045 A 20110722**

Priority

IT FI20100158 A 20100726

Abstract (en)

A drilling machine comprising a loading channel (1) defining a working plane (XY) and a feeding and loading direction (X) of a panel (P) to be processed, a drilling unit (5) being arranged for operation in correspondence and below with respect to the working plane (XY), the drilling unit (5) comprising a tool-bearing head (9) adapted to be moved at least along a transversal direction (Y) perpendicular to the loading direction (X) on the working plane, and along a working axis (Z) orthogonal with the working plane (XY). The drilling unit comprises a ring-shaped carriage (8) slidably supported along the transversal direction (Y) and having a central hole (8a) inside which the tool-bearing head (9) is housed and is slidably supported according to the working axis (Z) by the carriage itself.

IPC 8 full level

**B27C 3/02** (2006.01); **B27M 1/08** (2006.01)

CPC (source: EP)

**B27C 3/02** (2013.01); **B27M 1/08** (2013.01)

Citation (search report)

[A] WO 2006024058 A1 20060309 - PANHANS MASCHB GMBH [AT], et al

Cited by

CN108705612A; CN111098378A; CN108326981A; CN113370319A

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