

Title (en)  
SANDING MACHINE FOR MACHINING WORKPIECES COMPRISING A DEVICE FOR ADJUSTING A SANDING COMPONENT

Title (de)  
SCHLEIFMASCHINE ZUM BEARBEITEN VON WERKSTÜCKEN MIT EINER VORRICHTUNG ZUM EINSTELLEN EINES SCHLEIFBAUTEILS

Title (fr)  
PONCEUSE POUR L'USINAGE DE PIÈCES COMPRENANT UN DISPOSITIF DE RÉGLAGE D'UN COMPOSANT DE PONÇAGE

Publication  
**EP 4357075 A1 20240424 (EN)**

Application  
**EP 23203145 A 20231012**

Priority  
IT 202200021384 A 20221018

Abstract (en)  
The present invention concerns a machine (M) for machining a workpiece (P) to be worked in wood, metal, composite and the like, comprising a base (B<sub>1</sub>), for supporting said machine (M) on the ground, an entry station (1) for the entry of said workpiece (P) to be worked and an exit station (2) for the exit of the worked workpiece (P), a conveyor group (3) for transporting said workpiece (P), according to a forward direction (A), from said entry station (1) towards said exit station (2), at least one machining unit (4) of said workpiece (P), arranged elevated with respect to said conveyor group (3) comprising at least one working tool (41) of said workpiece (P), capable of moving from a lowered operating position with respect to said base (B<sub>1</sub>), wherein it is in contact with the workpiece (P), to a raised operating position with respect to said base (B<sub>1</sub>), wherein it is in contact with the workpiece (P), wherein the movement from one operating position to another is controlled by defects in the surface of the workpiece (P), at least one drive unit (5), coupled with said at least one machining unit (4) for actuating its operation, said machine (M) being characterized in that it comprises an adjusting device (6, 6'), arranged between said at least one working tool (41) and said at least one drive unit (5), configured for causing a movement of said drive unit (5) as a consequence of a first movement of said at least one working tool (41), when said working tool (41) takes intermediate position, between said lowered operating position and said raised operating position.

IPC 8 full level  
**B24B 7/00** (2006.01); **B24B 7/06** (2006.01); **B24B 21/12** (2006.01); **B24B 47/20** (2006.01)

CPC (source: EP)  
**B24B 7/005** (2013.01); **B24B 7/06** (2013.01); **B24B 21/12** (2013.01); **B24B 47/20** (2013.01)

Citation (applicant)  
• EP 3647004 B1 20220907 - BIESSE SPA [IT]  
• EP 3533572 B1 20210929 - HOMAG PLATTENAUFTEILTECHNIK GMBH [DE]

Citation (search report)  
• [XY] GB 1159167 A 19690723 - METABOWERKE KG CLOSE RAUCH & S [DE]  
• [Y] US 3374583 A 19680326 - JACOBI ARNO M  
• [Y] US 2008207096 A1 20080828 - CHANG WEN-CHI [TW]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4357075 A1 20240424**

DOCDB simple family (application)  
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