

Title (en)  
METHOD FOR CONTROLLING THE MACHINING OF PANELS WITH A SUBSTANTIALLY PARALLELEPIPED-LIKE SHAPE AND MACHINE FOR MACHINING PANELS WITH A SUBSTANTIALLY PARALLELEPIPED-LIKE SHAPE, IN PARTICULAR SANDING MACHINE FOR SANDING/ FINISHING PANELS MADE OF WOOD, METAL OR THE LIKE

Title (de)  
VERFAHREN ZUR STEUERUNG DER BEARBEITUNG VON PLATTEN MIT EINER IM WESENTLICHEN QUADERFÖRMIGEN FORM UND MASCHINE ZUR BEARBEITUNG VON PLATTEN MIT EINER IM WESENTLICHEN QUADERFÖRMIGEN FORM, INSBESONDERE SCHLEIFMASCHINE ZUM SCHLEIFEN/FINISHEN VON PLATTEN AUS HOLZ, METALL ODER DERGLEICHEN

Title (fr)  
PROCÉDÉ DE CONTRÔLE DE L'USINAGE DE PANNEAUX AYANT UNE FORME ESSENTIELLEMENT PARALLÉLÉPIPÉDIQUE ET MACHINE POUR L'USINAGE DE PANNEAUX AYANT UNE FORME ESSENTIELLEMENT PARALLÉLÉPIPÉDIQUE, NOTAMMENT PONCEUSE POUR LE PONÇAGE/LA FINITION DE PANNEAUX EN BOIS, EN MÉTAL OU SIMILAIRES

Publication  
**EP 4140645 A1 20230301 (EN)**

Application  
**EP 22192111 A 20220825**

Priority  
IT 202100022463 A 20210827

Abstract (en)  
A method for controlling the machining of panels with a substantially parallelepiped-like shape is described and a machine (1) for machining panels with a substantially parallelepiped-like shape comprising a processing system (17) having a control unit (18), a thickness detection device (22) for detecting the thickness of the panels (2), which is obtained by means of a digital caliper (24) with a slider, a support (23) for the thickness detection device (22), a wireless data communication system provided with two Bluetooth communication modules (29, 30) housed in the thickness detection device (22) and in the control unit (18), respectively, and a presence sensor (33) housed on the support (23) to detect the presence of the detection device (22).

IPC 8 full level  
**B24B 21/06** (2006.01); **B24B 7/28** (2006.01); **B24B 49/04** (2006.01)

CPC (source: EP)  
**B24B 7/28** (2013.01); **B24B 21/06** (2013.01); **B24B 49/045** (2013.01)

Citation (applicant)  
• US 6769958 B1 20040803 - GRIVNA HOWARD W [US]  
• CN 107297678 A 20171027 - SPEEDFAM CO LTD

Citation (search report)  
• [A] DE 102019207746 A1 20201203 - BOSCH GMBH ROBERT [DE]  
• [A] US 6769958 B1 20040803 - GRIVNA HOWARD W [US]  
• [A] CN 107297678 A 20171027 - SPEEDFAM CO LTD  
• [A] US 2020047305 A1 20200213 - BALDUCCI FABIO [IT]

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 MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4140645 A1 20230301**; **EP 4140645 B1 20240710**; IT 202100022463 A1 20230227

DOCDB simple family (application)  
**EP 22192111 A 20220825**; IT 202100022463 A 20210827