

Title (en)
DEVICE AND METHOD FOR MACHINING A WORKPIECE

Title (de)
VORRICHTUNG UND VERFAHREN ZUM BEARBEITEN EINES WERKSTÜCKS

Title (fr)
DISPOSITIF ET PROCEDE D'USINAGE D'UNE PIECE

Publication
EP 1326728 A1 20030716 (DE)

Application
EP 01987703 A 20011011

Priority
• DE 10052055 A 20001019
• EP 0111766 W 20011011

Abstract (en)
[origin: WO0232609A1] The invention relates to a device for machining workpieces (11), especially for sawing a workpiece with a saw blade (12). The device contains a brushing device (19) which is arranged displaceably, in such a way that the brushing device can be moved to the workpiece (11), which is introduced into a fixing device, after said workpiece has been machined by a machining tool (12). In particular, the machining tool (12) and the brushing device (19) can be positioned on swivel arms on different sides of a table (10) in such a way that they can swivel, this swivelling movement being effected by means of (pneumatic) cylinders (14, 15). In order to achieve short cycle times, the brushing device (19) is moved to the workpiece (11) while the machining tool (12) is moved away from the workpiece when the machining process is complete. In the event that a workpiece (11) is divided into two parts, these parts are preferably moved apart with a sliding part of the fixing device before the brushing process is carried out.

IPC 1-7
B23D 59/00; **B23D 45/04**; **B24B 9/00**; **B08B 1/04**

IPC 8 full level
B23D 45/04 (2006.01); **B23D 59/00** (2006.01); **B24B 9/00** (2006.01); **B24B 27/06** (2006.01); **B24D 13/10** (2006.01)

CPC (source: EP)
B23D 45/042 (2013.01); **B23D 59/00** (2013.01); **B24B 9/00** (2013.01); **B24B 27/065** (2013.01); **B24D 13/10** (2013.01)

Citation (search report)
See references of WO 0232609A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0232609 A1 20020425; AU 2166802 A 20020429; DE 10052055 A1 20020508; EP 1326728 A1 20030716

DOCDB simple family (application)
EP 0111766 W 20011011; AU 2166802 A 20011011; DE 10052055 A 20001019; EP 01987703 A 20011011