

Title (en)

CLAMPING APPARATUS FOR WORKPIECES MADE OF WOOD, PLASTIC AND THE LIKE

Title (de)

SPANNEINRICHTUNG FÜR WERKSTÜCKE AUS HOLZ, KUNSTSTOFF UND DERGLEICHEN

Title (fr)

DISPOSITIF DE SERRAGE POUR PIÈCES EN BOIS, EN PLASTIQUE OU SIMILAIRE

Publication

EP 2678133 A1 20140101 (DE)

Application

EP 12705074 A 20120220

Priority

- DE 102011012739 A 20110224
- EP 2012000736 W 20120220

Abstract (en)

[origin: WO2012113531A1] The clamping apparatus is used to clamp workpieces made of wood, plastic and the like. The workpieces are clamped between a workpiece support (22, 23) and a clamping element (8), the height of which can be adjusted relative to the workpiece support (22, 23) in order to clamp the workpieces. The workpieces themselves rest on at least one stop. In order that workpieces of an extremely wide range of widths and cross-sectional shapes can be clamped in a simple way such that highly accurate machining of the workpiece in the clamped position is ensured, the stop can be positioned automatically in order to match the width of the workpiece. As a result, the handling when using the clamping apparatus is very simple. Each workpiece can be assigned the individual optimal clamping dimension thereof by program. Backing the workpiece with spacers between the former and the stop is not necessary.

IPC 8 full level

B23Q 7/04 (2006.01); **B27M 1/08** (2006.01)

CPC (source: EP)

B23Q 3/062 (2013.01); **B25B 1/18** (2013.01); **B25B 5/003** (2013.01); **B25B 5/061** (2013.01); **B27M 1/08** (2013.01)

Citation (search report)

See references of WO 2012113531A1

Citation (examination)

- EP 1281491 A2 20030205 - WEINIG MICHAEL AG [DE]
- WO 2010041285 A1 20100415 - WORKING PROCESS S R L [IT], et al
- DE 19607238 A1 19961010 - ANT PANHANS WERKZEUG MASCH [AT]

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

DOCDB simple family (publication)

DE 102011012739 A1 20120830; EP 2678133 A1 20140101; WO 2012113531 A1 20120830

DOCDB simple family (application)

DE 102011012739 A 20110224; EP 12705074 A 20120220; EP 2012000736 W 20120220