

Title (en)

MACHINE FOR PROFILING OBLONG FLAT WORKPIECES ALONG THE LONGITUDINAL EDGES

Title (de)

MASCHINE ZUM PROFILIEREN VON LÄNGLICHEN, PLATTENFÖRMIGEN WERKSTÜCKEN ENTLANG DER LÄNGSKANTEN

Title (fr)

MACHINE POUR PROFILER DES PIECES PLATES ALLONGEES LE LONG DES ARETES LONGITUDINALES

Publication

**EP 1636001 A1 20060322 (DE)**

Application

**EP 04729883 A 20040428**

Priority

- EP 2004004490 W 20040428
- DE 10328204 A 20030624

Abstract (en)

[origin: WO2004113037A1] The invention relates to a machine in which the workpieces (3) are machined on passing, said workpieces being transported through an inlet zone and a profiling zone (18). A guide straight edge (10) is provided in the inlet zone on which the workpieces (3) are aligned with the passing direction. According to the invention, the machined cut surfaces may be made more exactly parallel, whereby the inlet zone (1) is provided with a transport device (4), running synchronously with the workpiece supply device, along the one side of which runs the guide straight edge and along the other side of which runs a pressure device (11), for holding the workpiece in contact with the guide straight edge. An upper pressure device (14) is arranged above the transport device in the inlet zone, within the working range of which a sawing device with at least one sawing tool (17) for cutting at least one guide groove (3, 2) in the upper or lower side of the workpieces is arranged. A guide track (24) runs on from the workpiece engaging region of the sawing tool, in the pass direction, on which the workpiece runs with the guide groove thereof and which runs in a straight line through the profiling zone in the pass direction.

IPC 1-7

**B27F 5/02; B23Q 3/00**

IPC 8 full level

**B27F 5/02** (2006.01)

CPC (source: EP)

**B27F 5/026** (2013.01)

Citation (search report)

See references of WO 2004113037A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**WO 2004113037 A1 20041229**; DE 10328204 A1 20050203; DE 502004008278 D1 20081127; EP 1636001 A1 20060322; EP 1636001 B1 20081015; ES 2312995 T3 20090301

DOCDB simple family (application)

**EP 2004004490 W 20040428**; DE 10328204 A 20030624; DE 502004008278 T 20040428; EP 04729883 A 20040428; ES 04729883 T 20040428