

Title (en)

Apparatus for finishing workpieces

Title (de)

Vorrichtung zur Finishbearbeitung von Werkstücken

Title (fr)

Dispositif pour l'usinage de finition de pièces

Publication

EP 1277545 B1 20050803 (DE)

Application

EP 02012025 A 20020531

Priority

DE 10135139 A 20010719

Abstract (en)

[origin: DE10135139C1] Workpiece finishing device has a feed device (1) with a carriage (2) and a numerically-controlled drive (3), a motor spindle unit (4) with a driven tool spindle (5) and force measuring device (6) for measuring the pressure force acting on the tool spindle during finishing. Motor spindle unit is mounted on the carriage via spring elements supporting its weight, the force measuring device fitted between the motor spindle unit and the carriage.

IPC 1-7

B24B 35/00; **B24B 49/16**; **B23Q 17/09**

IPC 8 full level

B24B 35/00 (2006.01); **B24B 49/16** (2006.01)

CPC (source: EP US)

B24B 35/00 (2013.01 - EP US); **B24B 49/16** (2013.01 - EP US)

Cited by

AT508789B1

Designated contracting state (EPC)

FR GB IT

DOCDB simple family (publication)

DE 10135139 C1 20021121; EP 1277545 A2 20030122; EP 1277545 A3 20040204; EP 1277545 B1 20050803; US 2003017793 A1 20030123; US 6852005 B2 20050208

DOCDB simple family (application)

DE 10135139 A 20010719; EP 02012025 A 20020531; US 19078602 A 20020708