

Title (en)
CUTTING TOOL

Title (de)
SCHNEIDWERKZEUG UMFASSEND EINEN SCHNEIDKOPF MIT EINER ANTRIEBSVORRICHTUNG

Title (fr)
OUTIL DE COUPE

Publication
EP 1467844 B1 20060301 (DE)

Application
EP 02795251 A 20021220

Priority

- DE 20201196 U 20020125
- DE 20201757 U 20020205
- DE 20202524 U 20020218
- DE 20215642 U 20021011
- EP 0214623 W 20021220
- EP 02007481 A 20020402

Abstract (en)
[origin: WO03061918A2] The invention relates to a cutting tool for materials, in particular PU elastomer, which can be controlled by hand or is programme-controlled. Said tool comprises a cutting head (10) with a drive device (20) and a blade holder (30) comprising a cutting blade (35). Said tool has at least one cutting head and the drive device (20) is configured in a manner known per se, or consists of a drive motor (21) with a drive shaft (22) that extends along the longitudinal axis (L) of the cutting head. The tool also comprises a cam disc (25), which interacts with the drive shaft (22) of the drive motor (21) and is continuously driven around the longitudinal axis (L2) of the drive shaft, said disc comprising control surfaces (40, 41) that are configured on the opposite side (25a) to the drive motor (21) and that lie on various planes, a roller (26) that makes contact with the control surfaces (40, 41) of the cam disc (25) and a lifting rod or plunger rod (45), which is impinged by means of a spring (27), interacts with the roller (26) and the cam disc (25) by means of a coupling part (46) and bears the blade holder (30) for the cutting blade (35) on its free end (45a).

IPC 8 full level
B26D 3/08 (2006.01); **B26D 1/10** (2006.01); **B26D 1/11** (2006.01); **B26D 3/02** (2006.01); **B26D 3/06** (2006.01); **B26D 7/08** (2006.01); **B26D 7/26** (2006.01); **B26D 7/27** (2006.01); **B26D 7/34** (2006.01); **B26F 1/38** (2006.01)

CPC (source: EP)
B26D 1/10 (2013.01); **B26D 1/115** (2013.01); **B26D 3/06** (2013.01); **B26D 3/065** (2013.01); **B26D 3/085** (2013.01); **B26D 7/08** (2013.01); **B26D 7/088** (2013.01); **B26D 7/26** (2013.01); **B26D 7/27** (2013.01); **B26D 7/34** (2013.01); **B26F 1/382** (2013.01)

Cited by
CN107696539A

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

DOCDB simple family (publication)
WO 03061918 A2 20030731; **WO 03061918 A3 20040401**; AT E318681 T1 20060315; DE 50205972 D1 20060427; EP 1467844 A2 20041020; EP 1467844 B1 20060301; ES 2260506 T3 20061101

DOCDB simple family (application)
EP 0214623 W 20021220; AT 02795251 T 20021220; DE 50205972 T 20021220; EP 02795251 A 20021220; ES 02795251 T 20021220