

Title (en)
Router

Title (de)
Handfräsmaschine

Title (fr)
Défonceuse portative

Publication
EP 1661676 A3 20061011 (EN)

Application
EP 06075381 A 20010810

Priority
• EP 01306860 A 20010810
• US 22485200 P 20000811

Abstract (en)
[origin: EP1661675A2] A router (20) including a base (24) for supporting the router on a work piece (W) surface, a motor housing (28) supported by the base (24), and a motor supported by the housing (28) and operable to drive a tool element. The router also includes a hand grip (48) attachable to one of the base (24) and the housing (28). The hand grip (48) may be contoured to fit a hand of an operator and may be at least partially formed of an elastomeric material. The router (20) may also include a fixing assembly for fixing the housing (28) in a position relative to the base (24), the fixing assembly including a clamping member for applying a clamping force to the housing (28) to fix the housing in a position relative to the base (24), and an actuator for moving the clamping member. The router may also include an adjustment mechanism for adjusting the position of the housing (28) relative to the base (24), the adjustment mechanism (224) including a coarse adjustment assembly for making relatively large changes in the position of the housing (28), and a fine adjustment assembly for making relatively small changes to the position of the housing (28). The adjustment mechanism (224) may be operated when the router (20) is supported in an inverted position below a work table. A router case having a removable molded base plate may be provided to support the router on a surface.

IPC 8 full level
B27C 5/10 (2006.01); **B25F 5/02** (2006.01); **B25H 3/00** (2006.01)

CPC (source: EP)
B25H 3/006 (2013.01); **B27C 5/02** (2013.01); **B27C 5/10** (2013.01)

Citation (search report)
• [Y] US 3556623 A 19710119 - DAMIJONAITIS KESTUTIS
• [Y] FR 2333990 A1 19770701 - DEVILLERS JEAN PIERRE [FR]
• [A] US 4160570 A 19790710 - BRIDGES JOHN A
• [A] US 3317076 A 19670502 - ENDERS SHERWOOD G

Designated contracting state (EPC)
DE GB

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EP 1661675 A2 20060531; EP 1661675 A3 20060927; EP 1661675 B1 20080611; EP 1661676 A2 20060531; EP 1661676 A3 20061011; EP 1661676 B1 20081022; EP 1707329 A2 20061004; EP 1707329 A3 20070117

DOCDB simple family (application)
EP 06075380 A 20010810; EP 06075381 A 20010810; EP 06076432 A 20010810