

Title (en)

Hand tool with angularly adjustable base plate.

Title (de)

Handwerkzeugmaschine mit schwenkbarer Grundplatte.

Title (fr)

Outil à main ayant une plaque-support ajustable angulairement.

Publication

**EP 0525437 B1 19951011 (DE)**

Application

**EP 92111314 A 19920703**

Priority

DE 4124231 A 19910722

Abstract (en)

[origin: EP0525437A2] A motor-driven powered hand tool for cut-off work, in particular a portable circular saw (1), with pivot-mounted depth-of-cut adjustment, with a base plate (4), the underside (8) of which can be guided over a workpiece (18), in particular on a guide rail (9) which can be put on the workpiece (18), and which, to make bevel or mitre cuts, can be moved relative to the cut-off tool, designed in particular as saw blade (3), about a swivel axis (23) running parallel to the cutting sight line and defined by swivel guide means (12, 14, 15) and can be locked in every swivelled position, in which arrangement the workpiece (18) can be divided by a kerf (19) into a good side and a scrap side (20, 22) with a cut edge (33, 35) on the good side and the scrap side, is improved with regard to its accuracy and cutting quality by the swivel axis (23) running at a distance under the underside of the base plate (4) in such a way that, in the working position of the powered hand tool on an in particular flat workpiece (18), it lies in the interior of this workpiece (18). <IMAGE>

IPC 1-7

**B27B 9/02**

IPC 8 full level

**B27B 9/02** (2006.01)

CPC (source: EP US)

**B27B 9/02** (2013.01 - EP US)

Cited by

EP0990492A3; CN107081473A

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

**EP 0525437 A2 19930203; EP 0525437 A3 19930512; EP 0525437 B1 19951011**; DE 4124231 A1 19930128; DE 59203968 D1 19951116; US 5414935 A 19950516

DOCDB simple family (application)

**EP 92111314 A 19920703**; DE 4124231 A 19910722; DE 59203968 T 19920703; US 16047693 A 19931201