

Title (en)
DEPTH OF CUT ADJUSTMENT MECHANISM FOR A POWER PLANER

Publication
EP 0048304 B1 19841219 (EN)

Application
EP 80105747 A 19800924

Priority
EP 80105747 A 19800924

Abstract (en)
[origin: EP0048304A2] A depth of cut adjustment mechanism for a portable power planer (20) having an adjustable front shoe (30) whose elevational position controls the depth of cut of the tool. An S-shaped rod (40) is fastened at one end to the adjustable front shoe (30) and is threadedly engaged at its other end to an adjustment nut (42) rotatably mounted in a race (44) formed in the housing (22). A control knob (46) having disposed thereon a scale (64) referenced to a mark (62) on the housing (22) is secured to the nut (42) so that rotation of the control knob (46) causes a corresponding adjustment in the elevational position of the front shoe (30). A tension spring (70) is connected between the front shoe (30) and the housing (22) to cancel out inherent tolerance play between the front shoe (30) and the housing (22).

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B27C 1/10

IPC 8 full level
B27C 1/10 (2006.01)

CPC (source: EP)
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Cited by
EP0133814A1; US4762021A; EP0124651A1; US4751234A; US4694735A; DE3441943A1

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