

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

Publication  
**EP 0048304 B1 19841219 (EN)**

Application  
**EP 80105747 A 19800924**

Priority  
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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).

IPC 1-7  
**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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**EP 0048304 A2 19820331; EP 0048304 A3 19820818; EP 0048304 B1 19841219**; AT E10816 T1 19850115; DE 3069839 D1 19850131

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