

Title (en)

Battery powered portable circular saw with depth of cut control

Title (de)

Batteriebetriebene tragbare Kreissäge mit Schnittiefeinstellvorrichtung

Title (fr)

Scie circulaire portable à batterie à profondeur de coupe ajustable

Publication

EP 0979711 B1 20060111 (EN)

Application

EP 99306356 A 19990811

Priority

US 13392398 A 19980813

Abstract (en)

[origin: EP0979711A2] A battery powered circular saw (10) includes a rechargeable battery (16) removably attached to the housing (12) and an adjustable shoe (122) pivotally attached to a guard assembly for controlling a depth of cut. A locking mechanism (126) for preventing relative movement between the adjustable shoe (122) and the housing (12) includes a depth of cut strap (128) disposed adjacent a first sidewall (132) of the housing (12). A lever (134) is disposed adjacent a second sidewall (136) of the housing (12). A tightening element interconnects the depth of cut strap (128) and the lever (134). The battery powered circular saw (10) additionally includes a handle (110) extending from the housing (12). The handle (110) is disposed substantially parallel to a direction of cut and oriented horizontally above the housing (12). The rechargeable battery (16) includes a pair of laterally spaced apart guide rails (52) which cooperate with the pair of longitudinally extending grooves (54) to permit sliding movement of the rechargeable battery (16) in a direction parallel to the direction of cut. <IMAGE>

IPC 8 full level

B23D 45/16 (2006.01); **B27B 9/02** (2006.01); **B23D 47/08** (2006.01)

CPC (source: EP)

B27B 9/02 (2013.01)

Cited by

EP1422008A1; GB2445883A; GB2445883B; GB2411148A; GB2411148B; US7207874B2; US7926187B2; US9757806B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0979711 A2 20000216; **EP 0979711 A3 20031217**; **EP 0979711 B1 20060111**; AT E315460 T1 20060215; DE 69929404 D1 20060406; DE 69929404 T2 20060831; EP 1584435 A2 20051012; EP 1584435 A3 20051109; ES 2253863 T3 20060601; JP 2000107929 A 20000418; JP 4545848 B2 20100915

DOCDB simple family (application)

EP 99306356 A 19990811; AT 99306356 T 19990811; DE 69929404 T 19990811; EP 05011180 A 19990811; ES 99306356 T 19990811; JP 22915499 A 19990813