

Title (en)

Battery powered circular saw

Title (de)

Batteriebetriebene tragbare Kreissäge mit Schnitttiefeinstellvorrichtung

Title (fr)

Scie circulaire portable à batterie à profondeur de coupe ajustable

Publication

EP 1584435 A2 20051012 (EN)

Application

EP 05011180 A 19990811

Priority

- EP 99306356 A 19990811
- US 13392398 A 19980813

Abstract (en)

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 1-7

B27B 9/02

IPC 8 full level

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