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(54) **Battery powered circular saw**

(57) 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 intercon-

nects 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.

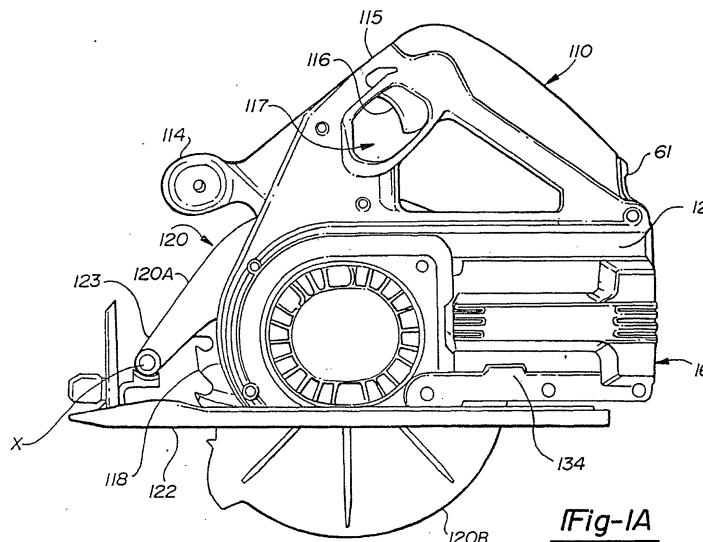


Fig-1A

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EUROPEAN SEARCH REPORT

Application Number
EP 05 01 1180

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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X	----- JP 59 140001 A (MATSUSHITA ELECTRIC WORKS LTD) 11 August 1984 (1984-08-11) * figures *	1,4-6	
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 20 September 2005	Examiner Rijks, M
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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