(11) **EP 0 949 048 A3**

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: **30.01.2002 Bulletin 2002/05**

(51) Int Cl.⁷: **B27B 27/08**

(43) Date of publication A2: 13.10.1999 Bulletin 1999/41

(21) Application number: 99302803.4

(22) Date of filing: 09.04.1999

(84) Designated Contracting States:

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU

MC NL PT SE

Designated Extension States:

AL LT LV MK RO SI

(30) Priority: 09.04.1998 US 57910

(71) Applicant: Black & Decker Inc. Newark Delaware 19711 (US) (72) Inventors:

 Evans, Scott D. Cockeysville, Maryland 21030 (US)

 Meredith, Daryl Hampstead, Maryland 21074 (US)

 Ayala, Adan Owings Mill, Maryland 21117 (US)

(74) Representative: Dlugosz, Anthony Charles et al Black & Decker Europe European Group Headquarters 210 Bath Road Slough, Berkshire SL1 3YD (GB)

(54) Mitre saw with angularly adjustable fence

(57) A miter saw includes a base, a table rotatably attached to the base, a saw assembly attached to the table, and a first fence assembly attached to the base, the first fence assembly including a work supporting surface which is movable between a first position substantially perpendicular from at least one of the table plane and the base plane, and a second position inclined relative to from the at least one of the table plane and the base plane. Another saw includes a base, a table rotat-

ably attached to the base, a saw assembly attached to the table, and a first fence assembly attached to the base, the first fence assembly including a first workpiece supporting surface substantially perpendicular from at least one of the table plane and the base plane, and a second workpiece supporting surface which is inclined relative to from the at least one of the table plane and the base plane. Methods for obtaining compound cuts from such saws are also disclosed.

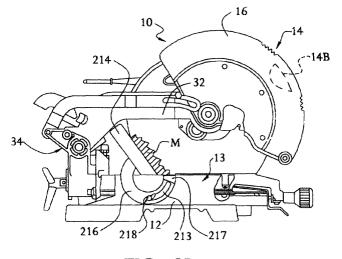


FIG. 8B



EUROPEAN SEARCH REPORT

Application Number

EP 99 30 2803

	DOCUMENTS CONSIDERE	D TO BE RELEVANT			
Category	Citation of document with indication of relevant passages	on, where appropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.6)	
Α	DE 195 23 347 A (MILWAU CORP.) 11 January 1996 * figures 1-8 *		1,6,8, 10,14	B27B27/08	
A,D	US 5 297 463 A (M.L. 0'MEREDITH) 29 March 1994	BANION, D.S. (1994-03-29)		TECHNICAL FIELDS SEARCHED (Int.Ci.6) B27B B23D	
	The present search report has been d	rawn up for all claims Date of completion of the search 10 December 200	1 Fan	Examiner ti, P	
C	ATEGORY OF CITED DOCUMENTS	T : theory or princi	iple underlying the i	nvention	
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		E: earlier patent document, but published on, or after the filling date D: document cited in the application L: document cited for other reasons &: member of the same patent family, corresponding document			

EPO FORM 1503 03.82 (P04C01)

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 99 30 2803

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

10-12-2001

	Patent documen cited in search rep	nt oort	Publication date		Patent family member(s)	Publication date
DE	19523347	A	11-01-1996	CA CN DE GB IT JP US	2150066 A1 1122271 A ,B 19523347 A1 2291006 A RM950465 A1 8039508 A 5865079 A	09-01-1996 15-05-1996 11-01-1996 17-01-1996 08-01-1996 13-02-1996 02-02-1999
US	5297463	A	29-03-1994	NONE		

FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82