

Europäisches Patentamt

European Patent Office

Office européen des brevets



(11) **EP 0 948 910 A3**

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: 12.04.2000 Bulletin 2000/15

(51) Int. Cl.⁷: **A43B 7/19**, A43B 5/04

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

(21) Application number: 99104781.2

(22) Date of filing: 10.03.1999

(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: 16.03.1998 US 39623

(71) Applicant: Shimano Inc.
Osaka 590-77 (JP)

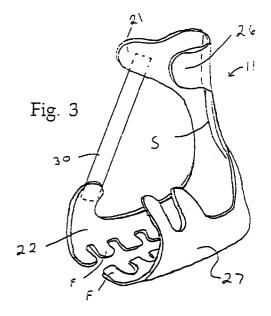
(72) Inventor: **Hirayama, Shuichi Tokyo (JP)**

(74) Representative:

Herrmann-Trentepohl, Werner, Dipl.-Ing. Patentanwälte Herrmann-Trentepohl Grosse - Bockhorni & Partner Forstenrieder Allee 59 81476 München (DE)

(54) A snowboard boot having an asymmetrical support member

(57) The present invention relates to a snowboard boot having a support member 11 that is asymmetrical. The support member 11 has inner and outer sides, each side having an upper 21, 26 and a lower 22, 27 portion. The outer side is generally larger than the inner side. The inner side includes a strap portion 30 which extends within the boot from the upper portion 21 to the lower portion 22 of the inner side. The configuration of the strap portion 30 and the support member 11 provides the boot with rigidity in response to forces due to leaning toward the outer side of the boot and flexibility in response to leaning toward the inner side.





EUROPEAN SEARCH REPORT

Application Number

Category	Citation of document with of relevant	indication, where appropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. CI. 6)
Y	EP 0646334 A (U.S.P.) 05 A		1,2,	A43B7/19 A43B5/04
A	the whol	e document.	3,4	
Y		March 1996, column 3, line 62	1,6,7	
Y	US 5430961 A (FAULCONER) 1 fig. 1.	 1 July 1995, 	2,5	
				TECHNICAL FIELDS SEARCHED (Int. CL.6)
				A43B
TO THE PROPERTY OF THE PROPERT				
	he present search report has	peen drawn up for all claims		
Pt	VIENNA	Date of completion of the sea 06-12-1999	1	Examiner LOSENICKY
X : particul Y : particul docume	EGORY OF CITED DOCUME arly relevant if taken alone arly relevant if combined with an nt of the same category ogical background	E: earlier pa after the other D: document L: document	principle underlying th tent document, but pub filing date cited in the applicatio cited for other reasons	alished on, or

2

EP 0 948 910 A3

ON EUROPEAN FRIENT ENFORCATION ON EUROPEAN FRIENT ENFORTO 4781.2

This annex lists the patent family members relating to the patent documents cited in the above-mentioned search report. The members are as contained in the EPIDOS INFADOC file on 10.12.1999.

The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

	document cited arch report	Publication date	Patent family member(s)	Publication date
EP A1	646354	05-04-1995	AT E 15258 AT E 4333248 DE C2 433248 DE C2 4333248 DE C2 433248 DE C2 43248 DE C2	
US A	5499461	19-03-1996	EP A1 64473 FR A1 27029 FR B1 270293 JP T2 750747 WG A1 942114	0 29-03-1995 35 30-09-1994 5 09-04-1995 78 24-08-1995 9 29-09-1994
US A	5430961	11-07-1995	JP A2 525300 KR B1 970889	7 05-10-1993 5 30-05-1997

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