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- (54) Shoe or boot provided with tank chambers.
- 57) A footwear of the present invention is provided with tank chambers (5B) which are disposed to be in contact with an instep (1), sole (3) and ankle of the user for applying pressure thereto to protect his foot from shocks. The tank chambers (5B) are filled with air and air pressure within the tank chambers can be adjusted. The footwear is further provided with a pressure sensor for measurings air pressure within the tank chambers to generate a pressure signal, and a pressure data displaying device (7) for indicating pressure data on the basis of the pressure signal generated by the pressure sensor. Therefore, the user can make sure on the pressure data display device a pressure level at which the most suitable pressure for his foot is obtained. The user is also allowed to extremely easily adjust the air pressure at the above pressure level, watching indication on the pressure data display device.

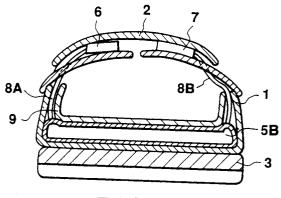


FIG. 3

## **EUROPEAN SEARCH REPORT**

EP 91 11 3669

ategory	Citation of document with i	ndication, where appropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
ĸ	WO-A-8 703 789 (SCIENTI 2 July 1987 * page 2, line 26 - line * page 4, line 8 - line	-	1-4	A43B13/20 A43B3/00
Υ	* idem *	_	5-8, 11-18	
<b>,</b> ,γ	JP-A-3 018 302 (SEIKO 8 1991 & PATENT ABSTRACTS OF J vol. 15, no. 233 (C-820 * abstract; figure *	IAPAN	14	
•	EP-A-0 152 057 (PUMA-SP DASSLER KG) 21 August 1 * the whole document *	- ORTSCHUHFABRIKEN RUDOLF 1985	11-13, 15-18	
,	WO-A-9 009 114 (SKIP KL ) 23 August 1990	- INTWORTH INVESTMENTS, INC	1-8	
,	US-A-4 651 446 (YUKAWA	ET AL.) 24 March 1987	1-8	TECHNICAL FIELDS SEARCHED (Int. Cl.5)
,	EP-A-0 299 669 (HI-TEC 1989 * column 3, line 7 - 16	•	1-13	A43B
•	EP-A-0 119 009 (NIKE IN September 1984 * page 6, paragraph 2;		1-13	
		<del></del>		
	The present search report has b	een drawn up for all claims		
	Place of search	Date of completion of the search		Examiner
	THE HAGUE	03 JULY 1992	MATH	IEY X.C.M.
X : part Y : part doc: A : tech	CATEGORY OF CITED DOCUME icularly relevant if taken alone icularly relevant if combined with and ment of the same category nological background written disclosure	E : earlier patent after the filing ther D : document cite L : document cite	ciple underlying the document, but public g date d in the application d for other reasons	ished on, or