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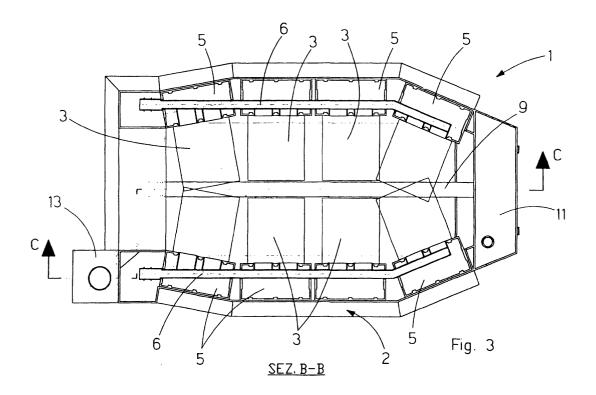
(54) Appliance for washing and/or polishing sports footwear or the like

(57) This is an appliance that perfectly cleans footwear, removing all residue and muddy or sandy deposits or the like from soles and also from the outer side of the uppers.

The appliance (1) consists of a hollow containing structure (2) which has a box-like shape with chamfered sides and which houses several side (3) and lower (4) brushes which are fastened in groups and aimed towards the center of the structure itself.

A duct (6) is located above the side brushes (3) and has delivery holes (7) that aim towards and over the brushes. Duct (9) is installed at the level of the lower brushes.

Both the side ducts (6) and the central duct (9) communicate with each other and are connected to a supply outlet that can be a source of water or a device for dispensing liquid grease or other products for treating shoes.





EUROPEAN SEARCH REPORT

Application Number EP 97 83 0073

Catacas	Citation of document with i	ndication, where appropriate,	Relevant	CLASSIFICATION OF THE	
Category	of relevant pass		to claim	APPLICATION (Int.Cl.6)	
X	EP 0 462 041 A (SOF SARL) 18 December 1 * column 1, line 40 * column 2, line 49 * column 4, line 14 * column 5, line 20	1-3,5,7,	A47L23/02		
A Y	* figures *		4,6 8,9,11,		
Υ	US 1 517 141 A (J. 25 November 1924 * page 1, line 30 - * figures *	·	8,9		
Y	DE 39 07 047 A (L. 13 September 1990 * column 2, line 12 * claims 1,2; figur	- line 29 *	11		
Υ	GB 177 329 A (E. W. * page 1, line 58 - * figures 1,2 *	SILAS) line 61 *	12	TECHNICAL FIELDS SEARCHED (Int.Cl.6)	
Α	DE 88 15 715 U (F.				
Α	GB 992 921 A (A. P.				
Α	FR 2 688 397 A (SKI	2) 17 September 1993			
Α	WO 93 04624 A (INTE 18 March 1993	RAL MARKETING INC.)			
	The present search report has	peen drawn up for all claims			
	Place of search	Date of completion of the search	1	Examiner	
	THE HAGUE	19 April 1999	Bourseau, A-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		T: theory or princip E: earlier patent do after the filing de her D: document cited L: document cited &: member of the s	T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filling date D: document cited in the application L: document cited for other reasons 8: member of the same patent family, corresponding document		

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

EP 97 83 0073

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.

19-04-1999

	atent documen d in search rep		Publication date	Patent family member(s)	Publication date
ΕP	0462041	А	18-12-1991	FR 2663248 A FR 2670140 A AT 127676 T DE 69112918 D ES 2076499 T	20-12-19 12-06-19 15-09-19 19-10-19 01-11-19
US	1517141	Α	25-11-1924	NONE	
DE	3907047	Α	13-09-1990	NONE	
GB	177329	Α		NONE	
DE	881 5 715	U	02-03-1989	NONE	
GB	992921	Α		NONE	
FR	2688397 	Α	17-09-1993	NONE	
WO	9304624	Α	18-03-1993	EP 0604414 A JP 6509948 T	06-07-199 10-11-199

FORM P0459

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