

(19)



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11)

EP 1 554 971 A1

(12)

EUROPEAN PATENT APPLICATION
published in accordance with Art. 158(3) EPC

(43) Date of publication:

20.07.2005 Bulletin 2005/29

(51) Int Cl.⁷: **A47L 23/04, A47K 7/00**

(21) Application number: **03722615.6**

(86) International application number:
PCT/ES2003/000211

(22) Date of filing: **13.05.2003**

(87) International publication number:
WO 2004/028331 (08.04.2004 Gazette 2004/15)

(84) Designated Contracting States:

**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HU IE IT LI LU MC NL PT RO SE SI SK TR**

Designated Extension States:

AL LT LV MK

(72) Inventor: **CUTILLAS GREGORIO, Francisco**
E-30565 Las Torres De Cotillas (ES)

(74) Representative:

Bohnenberger, Johannes, Dr. et al
Meissner, Bolte & Partner
Postfach 86 06 24
81633 München (DE)

(30) Priority: **26.09.2002 ES 200202302 U**

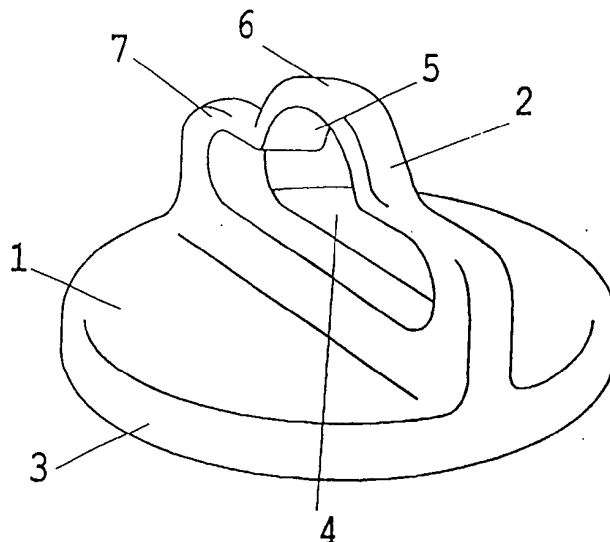
(71) Applicant: **Palc Chemical Espanola, S.L.**
30565 Las Torres de Cotillas (ES)

(54) **CREAM APPLICATOR FOR FOOTWEAR**

(57) The invention relates to a cream applicator for footwear, comprising a discoid base (1). One of the faces of the aforementioned base is provided with a rim (3) which holds a cylindrical spongy component in place, while the other face thereof comprises a diametrical bridge-type grip element (2). The lower part of said bridge defines a hole (4) comprising a central raised area (5), such that it can be gripped with two fingers. The

aforementioned grip element (2), which consist of a rigid part comprising three arcs and a central raised area (6), is made from a thin discoid part (8) comprising two opposing semi-circular wings (9,10) which extend out from a diametrical segment (11) and which are articulated to same by means of two bend lines (12,13). Moreover, said wing comprise aligned holes which are used to fix the device thereto and pairs of symmetrical lugs (16,17) (fig. 1,2 and 3).

Fig. 1



EP 1 554 971 A1

INTERNATIONAL SEARCH REPORT

International application No.

PCT/ES 03/00211

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 'A47L 23/04, A47K 7/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 A47L, A46B, A47K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

MISTRAL, WPI, EPODOC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	ES 1021353 U (GLOSS ESPANA PRODUCTS INTERNACIONAL S.A.) 01.11.1992. ' the whole document	1,2
A	US 5615440 A (COWAN et al.) 01.04.1997. column 3 line 4-column 4, line 21; page 1-4	1,3
A	ES 267636 U (SALAT CUSLÓ, J.) 01.06.1983. the whole document	1,3
A	US 5230119 A (WOODS et al.) 27.07.1993. column 4 lines 13-35; figures 1, 2	1-3
A	DE 1037671 B (ERWIN) 28.08.1958. figure 4	1,2
A	EP 404500 A3 (CLIMBMINSTER LIMITED) 27.12.1990. column 6, line 30-column 7, line 27; figures 1-4	1

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

13 August 2003 (13.08.2003)

Date of mailing of the international search report

19 September 2003 (19.09.2003)

Name and mailing address of the ISA/

S.P.T.O

Authorized officer

Facsimile No.

Telephone No.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/ ES 03/00211

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
ES 1021353 U	01.11.1992	NONE	
US 5615440 A	01.04.1997	WO 9638079 A AU 6034096 A	05.12.1996 18.12.1996
ES 267636 U	01.06.1983	NONE	
US 5230119 A	27.07.1993	CA 2080495 AC NO 9115983 A AU 7688491 A EP 527779 AB US 5507906 A DE 69129022 A HK 1011918 A	14.10.1991 31.10.1991 11.11.1991 24.02.1993 16.04.1996 09.04.1998 21.07.2000
DE 1037671 B	28.08.1958	NONE	
EP 404500 A3	27.12.1990	IE 9022268 L CA 2019199 A SE 9002092 A NO 902801 A AU 5770890 A ZA 9004090 A BR. 9002947 A JP 3198854 A SU 1785433 A NY 173166 B	23.12.1990 23.12.1990 24.12.1990 27.12.1990 03.01.1991 30-00-1199 20.08.1991 30-00-8199 30.12.1992 03.02.1994

Form PCT/ISA/210 (patent family annex) (July 1992)