

(19)



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11)

EP 0 863 201 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
07.04.1999 Bulletin 1999/14

(51) Int Cl.⁶: **C11D 17/04, A47K 7/03,
C11D 17/00**

(43) Date of publication A2:
09.09.1998 Bulletin 1998/37

(21) Application number: **98300391.4**

(22) Date of filing: **20.01.1998**

(84) Designated Contracting States:
**AT BE CH 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: **04.03.1997 US 39496 P
04.03.1997 US 39501 P**

(71) Applicants:
• **UNILEVER PLC**
London EC4P 4BQ (GB)
Designated Contracting States:
GB IE
• **UNILEVER N.V.**
3013 AL Rotterdam (NL)
Designated Contracting States:
**BE CH DE DK ES FI FR GR IT LI LU MC NL PT SE
AT**

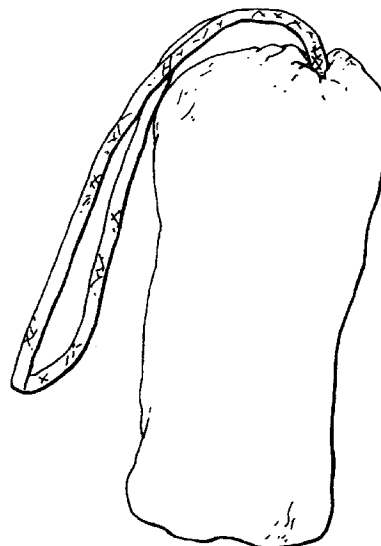
(72) Inventors:
• **Rattinger, Gail Beth**
Edgewater, New Jersey 07020 (US)
• **Boettcher, Peter**
Edgewater, New Jersey 07020 (US)
• **Coyle, Laurie Ann**
Edgewater, New Jersey 07020 (US)
• **Narath, William Robert**
Edgewater, New Jersey 07020 (US)

(74) Representative: **Elliott, Peter William et al**
Unilever plc
Patent Division
Colworth House
Sharnbrook
Bedford MK44 1LQ (GB)

(54) **Synthetic detergent bar and pouf for holding bar**

(57) The invention relates to a cleansing system comprising a synthetic detergent bar and a pouf/sponge for holding the bar. By inserting bar inside the pouf, it has been found that lather can be enhanced, even in compositions comprising lather depressing emollients. The bar holder and bar system also help decrease perception of mush.

Fig.4.



EP 0 863 201 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 98 30 0391

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	WO 95 00116 A (PROCTER & GAMBLE) 5 January 1995 * claims; figures * ---	1-7	C11D17/04 A47K7/03 C11D17/00
A	DE 31 19 828 A (BOESE KLAUS A) 16 December 1982 * the whole document * ---	1,2	
A	US 4 189 802 A (LANSBERGEN SIMON G) 26 February 1980 * claim 1; figure 1 * ---	1	
D,A	US 4 190 550 A (CAMPBELL DOUGLAS D) 26 February 1980 * claims * ---	1	
D,A	US 3 167 805 A (ZUPPINGER PAUL ET AL.) 2 February 1965 * claim 1; figures * ---	1	
A	DATABASE WPI Section Ch, Week 9214 Derwent Publications Ltd., London, GB; Class D21, AN 92-109260 XP002092739 & JP 04 050300 A (KANEBO LTD) , 19 February 1992 * abstract * -----	1,3-7	TECHNICAL FIELDS SEARCHED (Int.Cl.6) C11D A47K A61K
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 9 February 1999	Examiner Grittern, A
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 O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing 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 (P4/C01)

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

EP 98 30 0391

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.

09-02-1999

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9500116 A	05-01-1995	BR 9406807 A	23-07-1996
		CA 2165050 A,C	05-01-1995
		CN 1135174 A	06-11-1996
		EP 0702550 A	27-03-1996
		JP 8511962 T	17-12-1996
		US 5650384 A	22-07-1997
		US 5804539 A	08-09-1998
DE 3119828 A	16-12-1982	NONE	
US 4189802 A	26-02-1980	AU 517271 B	16-07-1981
		AU 3833078 A	31-01-1980
		BE 869442 A	01-12-1978
		BR 7804956 A	06-03-1979
		CA 1119369 A	09-03-1982
		CA 1115911 A	12-01-1982
		DE 2832784 A	15-02-1979
		FR 2399228 A	02-03-1979
		JP 54049249 A	18-04-1979
		NL 7808026 A	06-02-1979
US 4190550 A	26-02-1980	AU 472782 B	03-06-1976
		AU 7329274 A	18-03-1976
		CA 1025164 A	31-01-1978
		DE 2444374 A	27-03-1975
		DK 467474 A,B,	20-05-1975
		FR 2243667 A	11-04-1975
		GB 1473147 A	11-05-1977
		JP 893451 C	18-01-1978
		JP 50054460 A	14-05-1975
		JP 52020894 B	07-06-1977
		SE 421373 B	21-12-1981
		SE 7411158 A	17-03-1975
		ZA 7405836 A	29-10-1975
US 3167805 A	02-02-1965	NONE	

EPO FORM P0459

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