

(19)



(11)

EP 1 826 261 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
26.05.2010 Bulletin 2010/21

(51) Int Cl.:
C11D 17/04 (2006.01)

(43) Date of publication A2:
29.08.2007 Bulletin 2007/35

(21) Application number: **06111776.8**

(22) Date of filing: **01.03.2004**

(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 PL PT RO SE SI SK TR
Designated Extension States:
AL LT LV MK

(30) Priority: **28.02.2003 US 451064 P**
28.02.2003 US 451063 P
23.05.2003 US 472954 P
23.05.2003 US 472941 P
12.09.2003 US 502673 P

(62) Document number(s) of the earlier application(s) in accordance with Art. 76 EPC:
04716084.1 / 1 507 845

(71) Applicant: **THE PROCTER & GAMBLE COMPANY**
Cincinnati, Ohio 45202 (US)

(72) Inventors:
• **Culeron, Guy Hubert Stephane Sylvain**
1640, Rhode-Saint-Genese (BE)
• **Hutton, Howard David**
Oregonia, OH 45054 (US)
• **Mangin, Raphael Louis**
00044 Frascati (IT)
• **Taneko, Akiko**
Kobe
663-8122 (JP)

(74) Representative: **Morelle, Evelyne Charlotte**
Isabelle et al
N.V. Procter & Gamble Services Company S.A.
Temselaan 100
1853 Strombeek-Bever (BE)

(54) **Foam-generating kit containing a foam-generating dispenser and a composition containing a high level of surfactant**

(57) A foam-generating kit contains a non-aerosol container with a foam-generating dispenser and a high surfactant composition, preferably within the container. The high surfactant composition comprises, by weight of the high surfactant composition, at least 20% of a surfactant system and an anionic surfactant with an average percentage alkyl branching greater than 30% by weight of the anionic surfactant. When the foam-generating dispenser is employed with the high surfactant composition, the foam-generating dispenser generates a foam having a foam to weight ratio of greater than about 2 mL/g.

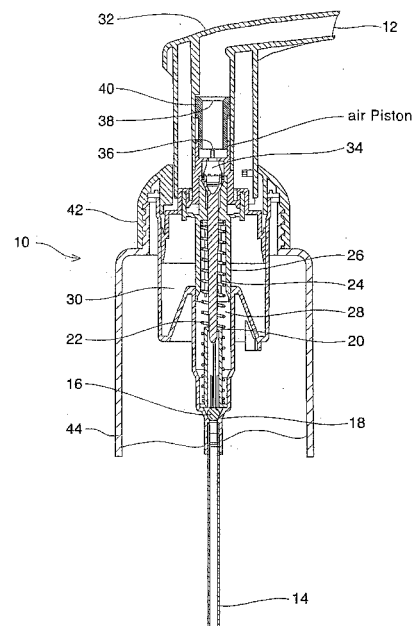


Fig. 1

EP 1 826 261 A3



EUROPEAN SEARCH REPORT

Application Number
EP 06 11 1776

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	WO 91/14759 A1 (PROCTER & GAMBLE [US]) 3 October 1991 (1991-10-03) * page 12, lines 19-22; example V * * page 6, lines 1-13 * -----	1-19	INV. C11D17/04
X	US 5 925 608 A (VOS EDDY ET AL) 20 July 1999 (1999-07-20) * column 12, lines 30-32; tables 1,2 * * column 3, lines 21-28 * -----	1-19	
X	EP 0 966 950 A2 (WELLA AG [DE]) 29 December 1999 (1999-12-29) * page 22, lines 43-45; claims; examples * -----	1-19	
X	DE 100 07 321 A1 (HENKEL KGAA [DE]) 23 August 2001 (2001-08-23) * page 4, lines 55-56; examples * -----	1-19	
X	WO 02/00820 A (COMBE INTERNAT LTD) 3 January 2002 (2002-01-03) * page 16, lines 13-17; claims 1,27; examples * -----	1-19	
X	US 5 393 468 A (ERILLI RITA [BE] ET AL) 28 February 1995 (1995-02-28) * column 4, lines 56-69; claim 1; example 1 * * column 5, lines 15-25 * -----	1-19	
A	WO 97/01621 A1 (PROCTER & GAMBLE [US]) 16 January 1997 (1997-01-16) * page 13, lines 24-30 * * page 16, lines 10-12 * * page 14, lines 32-36 * -----	1-19	
A	WO 98/18352 A1 (PROCTER & GAMBLE [US]; BAUER JOHN DAVID [US]; BETTSCHART ANDREA GLORIA) 7 May 1998 (1998-05-07) * example 1 * -----	1-19	
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 15 April 2010	Examiner Miller, Bernhard
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	

1
EPO FORM 1503 03 82 (F04C01)

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

EP 06 11 1776

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.

15-04-2010

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9114759	A1	03-10-1991	AR 244999 A1	30-12-1993
			AU 7457191 A	21-10-1991
			CA 2078443 A1	28-09-1991
			CN 1064013 A	02-09-1992
			EP 0521893 A1	13-01-1993
			IE 911001 A1	09-10-1991
			JP 5506259 T	16-09-1993
			NZ 237582 A	27-09-1994
			PT 97097 A	31-12-1991

US 5925608	A	20-07-1999	NONE	

EP 0966950	A2	29-12-1999	BR 9902567 A	06-06-2000
			DE 19828643 A1	30-12-1999
			ES 2229580 T3	16-04-2005
			JP 4208061 B2	14-01-2009
			JP 2000026255 A	25-01-2000

DE 10007321	A1	23-08-2001	AU 3171301 A	27-08-2001
			WO 0160332 A1	23-08-2001

WO 0200820	A	03-01-2002	AU 7201501 A	08-01-2002

US 5393468	A	28-02-1995	US 5616548 A	01-04-1997

WO 9701621	A1	16-01-1997	AT 315074 T	15-02-2006
			AU 5879296 A	30-01-1997
			BR 9608655 A	14-09-1999
			CA 2225701 A1	16-01-1997
			CN 1358832 A	17-07-2002
			CN 1193340 A	16-09-1998
			CO 4750716 A1	31-03-1999
			CZ 9704120 A3	17-06-1998
			DE 69619675 D1	11-04-2002
			DE 69619675 T2	07-11-2002
			DE 69635690 T2	14-09-2006
			EP 0837922 A1	29-04-1998
			HU 9802560 A2	29-03-1999
			JP 11508618 T	27-07-1999
			NO 976066 A	26-02-1998
			US 6613731 B1	02-09-2003
US 5879470 A	09-03-1999			

WO 9818352	A1	07-05-1998	AU 728724 B2	18-01-2001
			AU 5158398 A	22-05-1998
			BR 9712710 A	26-10-1999

EPO FORM P0459

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

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

EP 06 11 1776

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.

15-04-2010

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9818352	A1	CA 2269809	A1 07-05-1998
		CZ 9901468	A3 15-09-1999
		EP 0936879	A1 25-08-1999
		HU 0000174	A2 28-07-2000
		ID 24502	A 20-07-2000
		JP 2000505026	T 25-04-2000
		KR 20000052924	A 25-08-2000
		NO 991998	A 03-06-1999
		SK 58699	A3 10-12-1999
		TR 9900825	T2 21-07-1999
