



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) **EP 0 890 670 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
11.10.2000 Bulletin 2000/41

(51) Int Cl.7: **D06L 1/00**, C11D 17/00,
C11D 3/18, C11D 3/12,
C11D 3/06, C11D 7/50

(43) Date of publication A2:
13.01.1999 Bulletin 1999/02

(21) Application number: **98305491.7**

(22) Date of filing: **10.07.1998**

(84) Designated Contracting States:
**AT BE CH CY 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: **11.07.1997 GB 9714707**

(71) Applicant: **S.C. JOHNSON & SON, INC.**
Racine, WI 53403-2236 (US)

(72) Inventor: **de Jager, Jan**
S.C. Johnson Europlant bv
3641 RV Mijdrecht (NL)

(74) Representative: **Jones, Alan John et al**
CARPMAELS & RANSFORD
43 Bloomsbury Square
London, WC1A 2RA (GB)

(54) **Spot removal compositions for use in aerosol dispensers**

(57) A self-pressurized aerosol composition for spot
dry cleaning of a textile comprises:

- a) a propellant,
- b) a volatile hydrocarbon solvent for removing
stains,
- c) a particulate absorbent capable of absorbing a

stain from a textile on to which it is sprayed,

and a water-in-oil microemulsion in an amount from 5%
to 50% by weight of the total composition including pro-
pellant, said aerosol composition containing from 2.5%
to 25% by weight of water based on weight of the total
composition including propellant.

EP 0 890 670 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 98 30 5491

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)
X	US 4 460 489 A (KENDALL STANLEY E) 17 July 1984 (1984-07-17) * column 6; claims; examples * ---	1-12	D06L1/00 C11D17/00 C11D3/18 C11D3/12 C11D3/06 C11D7/50
X	PATENT ABSTRACTS OF JAPAN vol. 014, no. 334 (C-0742), 18 July 1990 (1990-07-18) & JP 02 123199 A (TAKEHARA:KK), 10 May 1990 (1990-05-10) * abstract * ---	1,2	
Y	GB 2 247 894 A (R & C PRODUCTS PTY LTD) 18 March 1992 (1992-03-18) * page 6; claims; examples * ---	1-12	
D,Y	US 5 269 958 A (DE JAGER JAN) 14 December 1993 (1993-12-14) * column 6; examples 4-7 * ---	1-12	
A	US 4 711 739 A (KANDATHIL THOMAS V) 8 December 1987 (1987-12-08) * claims; examples * ---	1	TECHNICAL FIELDS SEARCHED (Int.Cl.6)
A	US 3 354 092 A (PERRY R.A.) 21 November 1967 (1967-11-21) * claims * -----	1,13	C11D D06L
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 10 August 2000	Examiner Pfannenstein, H
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 (P04C01)

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

EP 98 30 5491

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.

10-08-2000

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4460489 A	17-07-1984	NONE	
JP 02123199 A	10-05-1990	JP 8023040 B	06-03-1996
GB 2247894 A	18-03-1992	AU 610460 A	16-05-1991
		HK 1008046 A	30-04-1999
		NZ 239543 A	26-05-1993
		ZA 9106842 A	27-05-1992
US 5269958 A	14-12-1993	AT 179209 T	15-05-1999
		AU 667268 B	14-03-1996
		AU 6089694 A	15-08-1994
		CA 2153599 A,C	21-07-1994
		DE 69418026 D	27-05-1999
		DE 69418026 T	11-11-1999
		EP 0679179 A	02-11-1995
		ES 2131189 T	16-07-1999
		GR 3030771 T	30-11-1999
		NZ 261728 A	26-07-1996
		WO 9416050 A	21-07-1994
		ZA 9400202 A	18-08-1994
US 4711739 A	08-12-1987	NONE	
US 3354092 A	21-11-1967	AT 265472 B	
		BE 671235 A	14-02-1966
		CH 432700 A	
		FR 1429260 A	12-05-1966
		GB 1045691 A	
		NL 302725 A	

EPO FORM P0459

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