

(19)



(11)

EP 1 715 029 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
01.04.2009 Bulletin 2009/14

(51) Int Cl.:
C11D 3/42 (2006.01) C11D 3/386 (2006.01)

(43) Date of publication A2:
25.10.2006 Bulletin 2006/43

(21) Application number: **06118792.8**

(22) Date of filing: **18.02.2003**

(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 SE SI SK TR**

(30) Priority: **25.02.2002 EP 02405136**
11.10.2002 EP 02405876

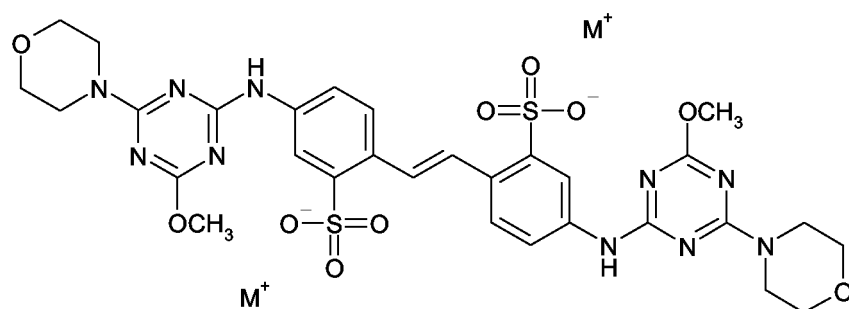
(62) Document number(s) of the earlier application(s) in
 accordance with Art. 76 EPC:
03702652.3 / 1 485 460

(71) Applicant: **Ciba Holding Inc.**
4057 Basel (CH)

(72) Inventors:
 • **Kaschig, Jürgen**
79104 Freiburg (DE)
 • **Hochberg, Robert**
79249 Merzhausen (DE)
 • **Becherer, Oliver**
79739 Schwörstadt (DE)
 • **Metzger, Georges**
68480 Moernach (FR)
 • **Eckhardt, Claude**
68400 Riedisheim (FR)

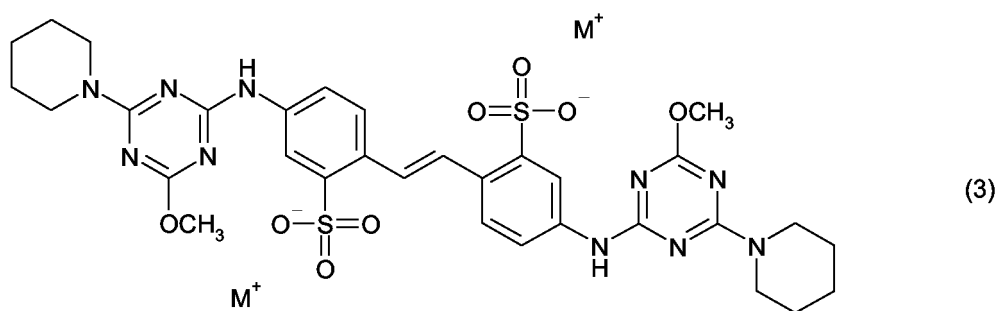
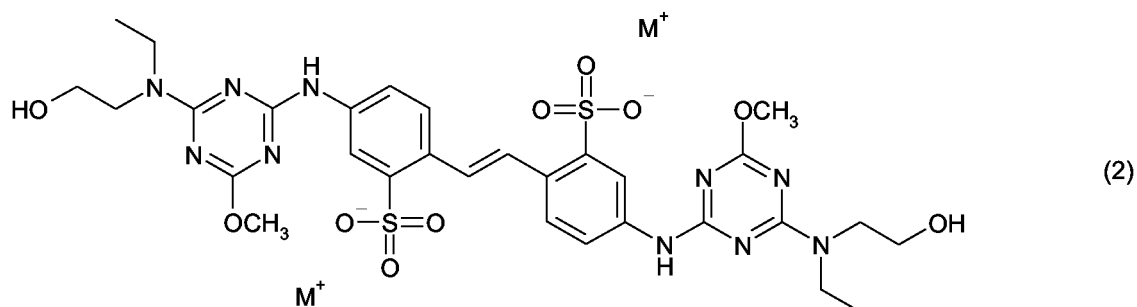
(54) **Process for the treatment of textile fibre materials**

(57) Detergent compositions comprising
 at least one compound of formula

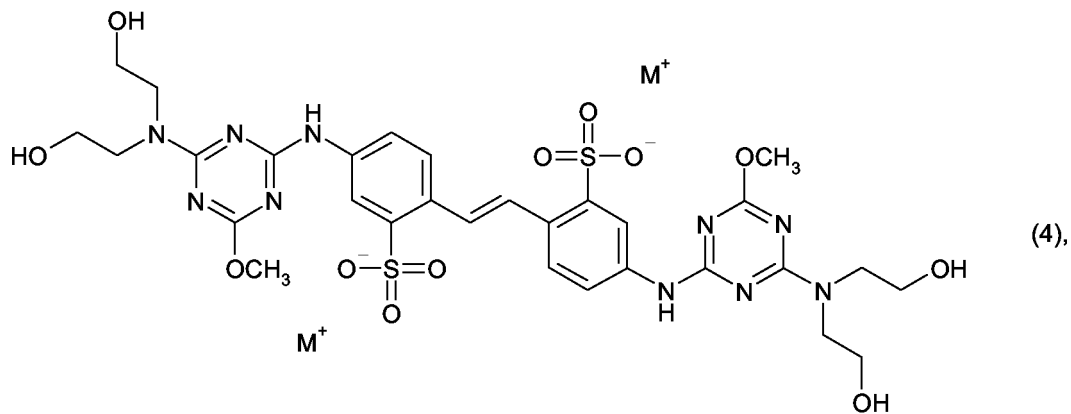


(1)

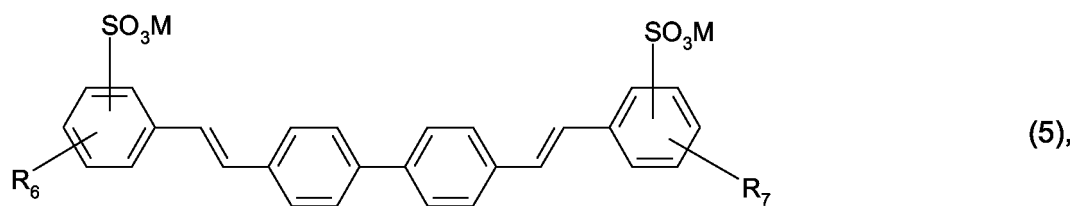
EP 1 715 029 A3



or



wherein M is hydrogen or cation
together with at least one compound of formula



wherein

R_6 and R_7 , independently of each other, are hydrogen, C_1 - C_8 alkyl, C_1 - C_8 alkoxy or halogen, and M is as defined above under formulae (1) to (4), the novel mixtures of compounds of formulae (1), (2), (3) or (4), and (5) and detergent compositions containing compounds of formulae (1), (2), (3) or (4).



EUROPEAN SEARCH REPORT

Application Number
EP 06 11 8792

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	EP 0 728 749 A (CIBA GEIGY AG) 28 August 1996 (1996-08-28) * page 2, line 48 - page 4, line 40 * * page 2, lines 45-47; examples * * page 4, line 42 - page 5, line 39 * * page 6, lines 46-54 * * page 7, lines 39,40 * * page 6, lines 43-45 * -----	1-20	INV. C11D3/42 C11D3/386
X	EP 0 682 145 A (CIBA GEIGY AG) 15 November 1995 (1995-11-15) * page 3, lines 18-44 * * page 12, line 1 - page 13, line 30; examples 1-20,22-30,33,34 * * page 2, lines 31-34,45-51 * * page 26, lines 26-40 * * page 14, lines 25-47 * * page 22, lines 21-39,44,45; examples 21,32,33 * * page 27, lines 28,29 * -----	1-20	
A	US 4 460 485 A (RAPISARDA ANTHONY A ET AL) 17 July 1984 (1984-07-17) * column 6, line 43 - column 7, line 59; claim 8 * -----	1-20	TECHNICAL FIELDS SEARCHED (IPC) C11D
A	WO 95/13354 A (PROCTER & GAMBLE) 18 May 1995 (1995-05-18) * claim 8; examples I-IV * -----	1-20	
A	EP 0 850 934 A (CIBA GEIGY AG) 1 July 1998 (1998-07-01) * page 6, lines 25,26 * * page 3, line 1 - page 4, line 29; claims 1-11; examples 1-10 * -----	1-20	
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 13 February 2009	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	

 2
EPO FORM 1503 03.92 (P04C01)

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

EP 06 11 8792

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.

13-02-2009

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0728749	A	28-08-1996	AU 702886 B2	11-03-1999
			AU 4566796 A	29-08-1996
			BR 9600793 A	23-12-1997
			DE 69627411 D1	22-05-2003
			DE 69627411 T2	26-02-2004
			ES 2194088 T3	16-11-2003
			GB 2298422 A	04-09-1996
			JP 4071836 B2	02-04-2008
			JP 9003052 A	07-01-1997
			NZ 286022 A	24-03-1997
			US 5744599 A	28-04-1998
			ZA 9601362 A	22-08-1996
EP 0682145	A	15-11-1995	DE 69533417 D1	30-09-2004
			DE 69533417 T2	18-08-2005
			ES 2225833 T3	16-03-2005
			MX 201082 B	19-03-2001
			MX 203852 B	22-08-2001
			PT 682145 T	31-01-2005
US 4460485	A	17-07-1984	AU 549781 B2	13-02-1986
			AU 3049584 A	17-01-1985
			BR 8403506 A	25-06-1985
			DE 3482187 D1	13-06-1990
			EP 0132138 A2	23-01-1985
			JP 60045677 A	12-03-1985
			JP 63048987 B	03-10-1988
WO 9513354	A	18-05-1995	AU 7931994 A	29-05-1995
			BR 9408024 A	17-12-1996
			CA 2174722 A1	18-05-1995
			CN 1139954 A	08-01-1997
			EP 0728184 A1	28-08-1996
			JP 9505096 T	20-05-1997
			PH 31449 A	03-11-1998
			US 5466802 A	14-11-1995
EP 0850934	A	01-07-1998	AU 739556 B2	18-10-2001
			AU 4925697 A	25-06-1998
			BR 9705635 A	18-05-1999
			CN 1191861 A	02-09-1998
			DE 69728026 D1	15-04-2004
			DE 69728026 T2	11-11-2004
			ES 2214601 T3	16-09-2004
			GB 2320714 A	01-07-1998
			ID 19234 A	28-06-1998

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 8792

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.

13-02-2009

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0850934	A	JP 10182622 A	07-07-1998
		NZ 329433 A	29-04-1999
		US 5945396 A	31-08-1999
		ZA 9711567 A	24-06-1998
