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EUROPEAN PATENT APPLICATION

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⑤④ **Phosphate-free detergents.**

⑤⑦ Phosphate-free detergents, particularly for laboratory cleaning, based on sodium salts of methylene-phosphonic acids as sequestrants, preferred active ingredients being pentasodium salt of ethylenediaminetetra (methylenephosphonic) acid and/or heptasodium salt of diethylenetriaminepenta-(methylenephosphonic) acid.

EP 0 353 973 A3



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.5)
X	DE-A-2 015 022 (J.A. BENCKISER GMBH) * the whole document * ---	1,2	C 11 D 3/36 C 11 D 3/43
X	GB-A-1 287 887 (DIVERSEY DEVELOPMENT LTD.) * page 2, lines 15-20; claims * ---	1-3	
X	GB-A-1 057 089 (HENKEL GMBH) * examples 3-9; claims * ---	1-3	
X	EP-A-0 192 630 (MONSANTO EUROPE S.A.) * column 1, lines 1-55; column 2, lines 39,40; lines 44-46 * ---	1-3	
X	EP-A-0 040 038 (THE PROCTER & GAMBLE) * claims 1-4 * ---	1-3	
X	EP-A-0 001 853 (THE PROCTER & GAMBLE) * claims 1,4,5; page 23, lines 16-22 * ---	1-3	
X	EP-A-0 201 016 (HENKEL) * claims; column 3, lines 48-53; column 4, line 1-5 * ---	1-3	TECHNICAL FIELDS SEARCHED (Int. Cl.5)
X	US-A-3 925 228 (BAO-JING-CHENG) * claims 1-4; column 3, lines 17-20 * ---	1-3	C 11 D
X	FR-A-2 376 824 (MONSANTO EUROPE S.A.) * claims; page 1, lines 1-12 * ---	1-3	
X	GB-A-1 026 366 (THE PROCTER & GAMBLE) * claims; page 11, lines 105-128; page 12, lines 1-56 * ---	1,2	
X	US-A-3 551 339 (O.T. QUIMBY et al.) * claims; column 8, lines 38-42 * --- -/-	1,2	
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 20-07-1990	Examiner PELLI-WABLAT B
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			



DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	GB-A-1 056 177 (MONSANTO COMPANY) * claims; page 2, lines 80-85 * -----	1-3
		CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
		TECHNICAL FIELDS SEARCHED (Int. Cl.5)
The present search report has been drawn up for all claims		
Place of search	Date of completion of the search	Examiner
BERLIN	20-07-1990	PELLI-WABLAT B
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		