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(71) Applicant: **UNILEVER PLC**
Unilever House Blackfriars P.O. Box 68
London EC4P 4BQ(GB)

(84) **GB**

Applicant: **UNILEVER NV**
Burgemeester s'Jacobplein 1 P.O. Box 760
NL-3000 DK Rotterdam(NL)

(84) **CH DE ES FR IT LI NL SE**

(72) Inventor: **Linard, Jack Edward**
4 Blair Park
Bebington Wirral Merseyside L63 9FL(GB)
Inventor: **Fox, Daniel J.**
100 Rock Road
New Jersey 07506(US)

(74) Representative: **Kan, Jacob Hendrik, Dr. et al**
Unilever N.V. Patent Division P.O. Box 137
NL-3130 AC Vlaardingen(NL)

(54) **Enzyme-containing liquid detergents.**

(57) A heavy duty, enzyme-containing, aqueous liquid detergent. The detergent includes surfactants, enzymes and an enzyme-stabilizing system. The detergent has a neat liquid pH of 9.5 or greater, a solution pH of 8.5 or greater at 0.2% weight use level and a titratable alkalinity of at least 0.5% weight per gram of product when expressed as % Na₂O as measured to pH 7.

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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	GB-A-2 126 242 (COLGATE-PALMOLIVE) * page 2, lines 13 - 24 ** claims 1, 4, 12-14, 27, 30, 31; examples K, W * - - -	1-6,8,9, 12-16	C 11 D 3/386
X	GB-A-2 178 054 (COLGATE-PALMOLIVE) * page 4, lines 60 - 61; claim 1 ** tables 1, 2 * - - -	1,4-6,9, 12,13,15, 16,19	
X	FR-A-2 369 338 (UNILEVER) * page 5, lines 12 - 24; claims 1-6 ** page 3, lines 15 - 19 * - - -	1,3-6,8,9, 13,15,16, 19	
X	US-D-4 588 19 (M. WEBER) * column 3, lines 33 - 37; claims 1, 6, 8 ** examples 1 - 22 * - - -	1,4-6,8,9, 12,16,19, 22,23	
X	EP-A-0 162 033 (PROCTER & GAMBLE) * page 6, lines 1 - 14 ** claims 1, 5, 8, 9, 12, 13 @ page 15, lines 7 - 16 @ examples * - - -	1-3,5,6, 8-10, 12-14, 16-18	
X	DE-A-2 633 601 (HENKEL) * page 11, lines 1 - 4 ** page 15; table 2 * - - -	1,3,5,6,8, 12,16	TECHNICAL FIELDS SEARCHED (Int. Cl.5) C 11 D
D,X	FR-A-2 369 339 (UNILEVER) * page 3, lines 5 - 20; claims 1-5, 7, 8 * - - -	1,5,6,8, 13,15	
D,A	GB-A-2 140 819 (COLGATE-PALMOLIVE) * claims 1-10 * - - - - -	1	
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of search 21 March 91	Examiner PFANNENSTEIN H.F.
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	