

Title (en)  
LAUNDRY WASHING METHOD

Title (de)  
VERFAHREN ZUM WÄSCHEWASHEN.

Title (fr)  
PROCEDE POUR LAVER DU LINGE

Publication  
**EP 0843714 A4 20000105 (EN)**

Application  
**EP 96923641 A 19960703**

Priority  
• GB 9513991 A 19950708  
• US 9611282 W 19960703

Abstract (en)  
[origin: GB2303150A] There is provided a method of washing soiled laundry in a domestic or industrial washing machine wherein a delivery means is provided for dispensing an effective amount of a detergent composition directly to the drum of a washing machine before the commencement of the wash and subsequently enabling release of said detergent composition to the wash liquid during the wash. Said detergent composition contains a cationic ester surfactant and an alkalinity system comprising alkaline salts. The delivery means enables the delivery of said cationic ester surfactant to said soiled laundry prior to the establishment of an alkaline wash liquor environment around the soiled laundry. A washing method including a pretreatment step is also provided. With this arrangement the solution stability of the cationic ester surfactant is not reduced and thus its stain removal performance is enhanced.

IPC 1-7  
**C11D 1/62**; **C11D 17/04**; **C11D 3/10**

IPC 8 full level  
**C11D 1/62** (2006.01); **C11D 17/00** (2006.01); **D06F 39/02** (2006.01); **C11D 17/04** (2006.01)

CPC (source: EP US)  
**C11D 1/62** (2013.01 - EP); **C11D 17/0078** (2013.01 - EP); **C11D 17/046** (2013.01 - EP US); **D06F 39/02** (2013.01 - EP US)

Citation (search report)  
• [PX] WO 9533033 A1 19951207 - PROCTER & GAMBLE [US]  
• [X] US 4333862 A 19820608 - SMITH RORY J M, et al  
• [X] EP 0051986 A2 19820519 - PROCTER & GAMBLE [US], et al  
• [DA] EP 0343069 A1 19891123 - PROCTER & GAMBLE [US]  
• See references of WO 9703161A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)  
**GB 2303150 A 19970212**; **GB 9513991 D0 19950906**; BR 9609600 A 19990504; CA 2226637 A1 19970130; EP 0843714 A1 19980527; EP 0843714 A4 20000105; MX 9800274 A 19980430; WO 9703161 A1 19970130; WO 9703161 A9 19990624

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