

Title (en)  
DETERGENT COMPOSITIONS

Title (de)  
WASCHMITTELZUSAMMENSETZUNGEN

Title (fr)  
COMPOSITIONS DETERGENTES

Publication  
**EP 0912703 A4 19991201 (EN)**

Application  
**EP 97925579 A 19970515**

Priority  
• GB 9611325 A 19960531  
• US 9708233 W 19970515

Abstract (en)  
[origin: GB2313603A] There is provided a detergent composition suitable for use in laundry and dish washing methods, comprising a cationic ester surfactant and an alkalinity system and wherein a means is provided for delaying the release of said alkalinity system relatively to the release of said cationic ester surfactant. The cationic ester surfactant is preferably a quaternary ammonium compound where one of the alkyl chains is interrupted by an ester-type linkage. The alkalinity system may be coated particles or the alkaline material may be chosen to be slow-dissolving.

IPC 1-7  
**C11D 11/02**; **C11D 1/62**; **C11D 3/08**; **C11D 3/10**

IPC 8 full level  
**C11D 1/62** (2006.01); **C11D 3/02** (2006.01)

CPC (source: EP)  
**C11D 1/62** (2013.01); **C11D 3/044** (2013.01)

Citation (search report)  
• [PX] WO 9703161 A1 19970130 - PROCTER & GAMBLE [US], et al  
• [PX] WO 9703156 A1 19970130 - PROCTER & GAMBLE [US], et al  
• [X] WO 9609276 A1 19960328 - PROCTER & GAMBLE [US], et al  
• See references of WO 9745524A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**GB 2313603 A 19971203**; **GB 9611325 D0 19960807**; AR 013307 A1 20001227; BR 9709404 A 19990810; CA 2256702 A1 19971204; EP 0912703 A1 19990506; EP 0912703 A4 19991201; WO 9745524 A1 19971204

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