

Title (en)
Detergent compositions

Title (de)
Waschmittelzusammensetzungen

Title (fr)
Compositions détergentes

Publication
EP 0358473 B2 19971210 (EN)

Application
EP 89309009 A 19890906

Priority
GB 8821034 A 19880907

Abstract (en)
[origin: EP0358473A2] Detergent compositions having improved antiredeposition properties on polyester and polyester/cotton fabrics contain a polyalkylene oxide/vinyl acetate graft copolymer, and also contain an alkali metal aluminosilicate builder, and a polymer comprising acrylate and/or maleate units. The compositions are preferably free of inorganic phosphate builders.

IPC 1-7
C11D 3/37; **C11D 3/12**

IPC 8 full level
C11D 10/02 (2006.01); **C11D 3/00** (2006.01); **C11D 3/12** (2006.01); **C11D 3/37** (2006.01); **D06L 1/12** (2006.01)

CPC (source: EP)
C11D 3/0036 (2013.01); **C11D 3/128** (2013.01); **C11D 3/3788** (2013.01)

Cited by
US6083488A; US5750483A; EP0778339A3; US6455486B1; US6315835B1; US5998357A; US6025320A; US5733856A; EP0778339A2; WO9716526A1; US8143209B2; US8859484B2; WO2012079256A1

Designated contracting state (EPC)
CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0358473 A2 19900314; **EP 0358473 A3 19901010**; **EP 0358473 B1 19941130**; **EP 0358473 B2 19971210**; AU 4107889 A 19900315; AU 620140 B2 19920213; BR 8904490 A 19900424; CA 1314188 C 19930309; DE 68919601 D1 19950112; DE 68919601 T2 19950504; DE 68919601 T3 19980226; ES 2065995 T3 19950301; ES 2065995 T5 19980401; GB 8821034 D0 19881005; JP H02127500 A 19900516; NO 173661 B 19931004; NO 173661 C 19940112; NO 893536 D0 19890904; NO 893536 L 19900308; ZA 896842 B 19910529

DOCDB simple family (application)
EP 89309009 A 19890906; AU 4107889 A 19890906; BR 8904490 A 19890906; CA 609974 A 19890831; DE 68919601 T 19890906; ES 89309009 T 19890906; GB 8821034 A 19880907; JP 23133889 A 19890906; NO 893536 A 19890904; ZA 896842 A 19890907