

Title (en)

Use of modified polyesters for the removal of grease of fabrics.

Title (de)

Verwendung von modifizierten Polyestern zum Entfernen von Fett aus Textilien.

Title (fr)

Utilisation de polyesters modifiés pour enlever des graisses sur des tissus.

Publication

EP 0586354 A1 19940309 (EN)

Application

EP 93870127 A 19930708

Priority

- EP 93870127 A 19930708
- EP 92202383 A 19920731

Abstract (en)

The present invention relates to the use of selected modified polyesters known for their soil-release properties as cleaning agents for cotton-containing fabrics, thus being able to provide a cleaning effect on such fabrics after only one laundering cycle, as compared to several cycles when functioning in the soil-release agent mode. The present invention also encompasses detergent compositions containing said modified polyesters and a cellulase enzyme, or a co-dispersing agent and/or a soil-antiredeposition agent.

IPC 1-7

C11D 3/37; C11D 3/00; C11D 17/06

IPC 8 full level

C11D 1/72 (2006.01); **C11D 1/83** (2006.01); **C11D 3/00** (2006.01); **C11D 3/34** (2006.01); **C11D 3/37** (2006.01); **C11D 3/386** (2006.01); **C11D 17/06** (2006.01); **D06M 15/07** (2006.01); **D06M 15/15** (2006.01); **D06M 15/507** (2006.01); **D06M 16/00** (2006.01)

IPC 8 main group level

C11D (2006.01)

CPC (source: EP KR)

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Citation (search report)

- [A] GB 2240983 A 19910821 - PROCTER & GAMBLE [US]
- [AD] EP 0311342 A2 19890412 - PROCTER & GAMBLE [US]
- [A] WO 9204433 A1 19920319 - PROCTER & GAMBLE [US]
- [A] US 4818569 A 19890404 - TRINH TOAN [US], et al
- [A] EP 0381431 A2 19900808 - UNILEVER PLC [GB], et al

Cited by

TR27570A; FR2709759A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

WO 9403570 A1 19940217; AT E178090 T1 19990415; AU 4685793 A 19940303; BR 9306826 A 19981208; CA 2141416 A1 19940217; CN 1084559 A 19940330; CZ 16795 A3 19960117; DE 69324084 D1 19990429; DE 69324084 T2 19991028; EP 0586354 A1 19940309; EP 0586354 B1 19990324; ES 2129077 T3 19990601; FI 950401 A0 19950130; FI 950401 A 19950130; HU 9500274 D0 19950328; HU T71062 A 19951128; JP H07509522 A 19951019; KR 950702618 A 19950729; MA 22945 A1 19940401; MX 9304634 A 19940331; NO 950316 D0 19950127; NO 950316 L 19950331; PL 307272 A1 19950515; TR 28072 A 19951212

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US 9306836 W 19930721; AT 93870127 T 19930708; AU 4685793 A 19930721; BR 9306826 A 19930721; CA 2141416 A 19930721; CN 93117435 A 19930731; CZ 16795 A 19930721; DE 69324084 T 19930708; EP 93870127 A 19930708; ES 93870127 T 19930708; FI 950401 A 19950130; HU 9500274 A 19930721; JP 50535393 A 19930721; KR 19950700350 A 19950128; MA 23248 A 19930730; MX 9304634 A 19930730; NO 950316 A 19950127; PL 30727293 A 19930721; TR 69193 A 19930730