

Title (en)
METHOD OF ENHANCING FABRIC REWETTABILITY

Publication
EP 0356210 A3 19900530 (EN)

Application
EP 89308519 A 19890823

Priority
• US 23686488 A 19880826
• US 31215889 A 19890221

Abstract (en)
[origin: EP0356210A2] A method of enhancing the rewettability of fabrics treated in a laundering operation in which the fabrics are contacted with a mixture including a rinse cycle fabric softening conditioning composition capable of producing on the fabrics a hydrophobic surface and a hydrophobic cationic emulsion of a silicone polymer. Preferably, the fabric softening conditioning composition includes a cationic compound selected from the group consisting of quaternary ammonium salts and organic based compounds having C12 to C18 hydrocarbon chain molecules of amines, esters, acids or amine oxides and the silicone polymer is a highly branched and crosslinked polydimethylsiloxane.

IPC 1-7
C11D 3/37

IPC 8 full level
D06M 13/46 (2006.01); **C11D 3/00** (2006.01); **C11D 3/37** (2006.01); **D06M 13/02** (2006.01); **D06M 13/224** (2006.01); **D06M 13/236** (2006.01); **D06M 13/322** (2006.01); **D06M 13/325** (2006.01); **D06M 13/388** (2006.01); **D06M 13/463** (2006.01); **D06M 13/47** (2006.01); **D06M 13/473** (2006.01); **D06M 15/643** (2006.01)

CPC (source: EP KR)
C11D 3/0015 (2013.01 - EP); **C11D 3/373** (2013.01 - EP); **C11D 3/3742** (2013.01 - EP); **D06M 15/643** (2013.01 - KR)

Citation (search report)
• [Y] FR 2318268 A1 19770211 - PROCTER & GAMBLE EUROP [BE]
• [Y] EP 0169500 A2 19860129 - HENKEL KGAA [DE]
• [A] EP 0046342 A1 19820224 - PROCTER & GAMBLE [US], et al
• [A] EP 0239910 A2 19871007 - PROCTER & GAMBLE [US], et al

Cited by
EP0422787A3; EP0445982A3; EP0415540A1; US5145596A; US11485936B2; US11332581B2; EP0789070A1; US11479022B2; AU768906B2; EP0543562A3; US5503767A; AU768906C; EP1335062A3; US11090253B2; US11254847B2; US6939843B2; WO0125383A1; US6251850B1; US6303565B1; WO0071806A1; WO0071807A1

Designated contracting state (EPC)
BE DE ES FR GB NL

DOCDB simple family (publication)
EP 0356210 A2 19900228; EP 0356210 A3 19900530; EP 0356210 B1 19950913; AU 4023389 A 19900301; AU 614175 B2 19910822; CA 1340040 C 19980915; DE 68924225 D1 19951019; DE 68924225 T2 19960502; ES 2079381 T3 19960116; JP H0299670 A 19900411; KR 900003476 A 19900326; KR 970001843 B1 19970217

DOCDB simple family (application)
EP 89308519 A 19890823; AU 4023389 A 19890825; CA 607444 A 19890803; DE 68924225 T 19890823; ES 89308519 T 19890823; JP 21616789 A 19890824; KR 890012113 A 19890825