

Title (en)
FABRIC-SOFTENING COMPOSITION

Publication
EP 0280550 B1 19901024 (EN)

Application
EP 88301628 A 19880225

Priority
GB 8704711 A 19870227

Abstract (en)
[origin: EP0280550A2] A liquid fabric softening composition containing an aqueous base, not more than 8% of a cationic fabric softening agent, at least 0.2% of a C8-C24 fatty acid and a nonionic surfactant. The mole ratio of the cationic fabric softening agent to the nonionic surfactant is within the range from 40:1 to 1:1. The nonionic surfactant is added to give a composition which is stable to freeze thaw cycling.

IPC 1-7
C11D 1/04; C11D 1/835

IPC 8 full level
D06M 13/00 (2006.01); **C11D 1/04** (2006.01); **C11D 1/86** (2006.01); **C11D 3/00** (2006.01); **D06M 13/02** (2006.01); **D06M 13/184** (2006.01); **D06M 13/188** (2006.01); **D06M 13/203** (2006.01); **D06M 13/224** (2006.01); **D06M 13/322** (2006.01); **D06M 13/388** (2006.01); **D06M 13/46** (2006.01); **D06M 13/463** (2006.01); **D06M 13/47** (2006.01); **D06M 13/473** (2006.01); **C11D 1/62** (2006.01); **C11D 1/66** (2006.01); **C11D 1/72** (2006.01); **C11D 1/75** (2006.01)

CPC (source: EP KR)
C11D 1/04 (2013.01 - EP); **C11D 1/86** (2013.01 - EP); **C11D 3/0015** (2013.01 - EP); **C11D 10/04** (2013.01 - EP); **D06M 13/46** (2013.01 - KR); **D06M 15/327** (2013.01 - KR); **C11D 1/62** (2013.01 - EP); **C11D 1/662** (2013.01 - EP); **C11D 1/667** (2013.01 - EP); **C11D 1/72** (2013.01 - EP); **C11D 1/74** (2013.01 - EP); **C11D 1/75** (2013.01 - EP)

Cited by
EP1028161A1; EP0354011A1; US5378387A; US5484540A; US5503756A; US5578234A; US5670476A; AU696570B2; US5856287A; US5773409A; US5409621A; WO2012052349A1; US9150822B2; WO2012072368A1; US6221828B1; WO2012072369A1; US10487292B2; WO9219714A1; WO9324603A3; WO2018044639A1; WO0146363A1; EP1290124B2

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

DOCDB simple family (publication)
EP 0280550 A2 19880831; EP 0280550 A3 19890329; EP 0280550 B1 19901024; AU 1206788 A 19880901; AU 614073 B2 19910822; BR 8800833 A 19881004; CA 1291302 C 19911029; DE 3860842 D1 19901129; ES 2018338 B3 19910401; GB 8704711 D0 19870401; JP S63282373 A 19881118; KR 880010184 A 19881007; KR 910009652 B1 19911125; MY 103215 A 19930529; TR 24515 A 19911112; ZA 881382 B 19891025

DOCDB simple family (application)
EP 88301628 A 19880225; AU 1206788 A 19880223; BR 8800833 A 19880226; CA 559492 A 19880222; DE 3860842 T 19880225; ES 88301628 T 19880225; GB 8704711 A 19870227; JP 4406688 A 19880226; KR 880001811 A 19880222; MY PI19880181 A 19880224; TR 15988 A 19880226; ZA 881382 A 19880226