

Title (en)
CONCENTRATED FABRIC-SOFTENING AGENTS

Publication
EP 0082457 B1 19860625 (DE)

Application
EP 82111556 A 19821213

Priority
DE 3150178 A 19811218

Abstract (en)
[origin: US4447343A] Transparent, liquid fabric softener concentrates consisting substantially of (a) from 26 to 40 weight % of a cationic softener, (b) from 0.01 to 8, weight % of an anionic surfactant, (c) from 0.01 to 8, weight % of a nonionic dispersant, (d) from 3 to 30, weight % of a C1-C3 alcohol, and (e) water, optionally perfume, dyestuffs and other auxiliaries in amounts remaining to complete to 100%.

IPC 1-7
C11D 3/00; C11D 1/86; C11D 1/62; D06M 13/46

IPC 8 full level
D06M 13/46 (2006.01); **C11D 1/62** (2006.01); **C11D 1/86** (2006.01); **C11D 3/00** (2006.01); **D06M 13/02** (2006.01); **D06M 13/144** (2006.01); **D06M 13/152** (2006.01); **D06M 13/244** (2006.01); **D06M 13/248** (2006.01); **D06M 13/256** (2006.01); **D06M 13/272** (2006.01); **D06M 13/322** (2006.01); **D06M 13/463** (2006.01); **D06M 13/47** (2006.01); **D06M 13/473** (2006.01); **C11D 1/14** (2006.01); **C11D 1/22** (2006.01); **C11D 1/29** (2006.01); **C11D 1/72** (2006.01)

CPC (source: EP US)
C11D 1/86 (2013.01 - EP US); **C11D 3/0015** (2013.01 - EP US); **D06M 13/463** (2013.01 - EP US); **D06M 13/473** (2013.01 - EP US); **C11D 1/14** (2013.01 - EP US); **C11D 1/22** (2013.01 - EP US); **C11D 1/29** (2013.01 - EP US); **C11D 1/62** (2013.01 - EP US); **C11D 1/72** (2013.01 - EP US); **D06M 2200/50** (2013.01 - EP US)

Cited by
EP0280550A3; EP0316795A3; EP1018541A1; EP0320848A3; EP0328184A1; EP0186967A1; GB2313379A; FR2571736A1; WO0153599A1; WO0040681A1; US6596685B2; US7202203B2

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

DOCDB simple family (publication)
EP 0082457 A2 19830629; **EP 0082457 A3 19841227**; **EP 0082457 B1 19860625**; AT E20535 T1 19860715; BR 8207362 A 19831018; CA 1188860 A 19850618; DE 3150178 A1 19830630; DE 3271850 D1 19860731; JP H0320512 B2 19910319; JP S58109682 A 19830630; US 4447343 A 19840508; ZA 829283 B 19830928

DOCDB simple family (application)
EP 82111556 A 19821213; AT 82111556 T 19821213; BR 8207362 A 19821217; CA 417984 A 19821217; DE 3150178 A 19811218; DE 3271850 T 19821213; JP 22038882 A 19821217; US 44829682 A 19821209; ZA 829283 A 19821217