

Title (en)
FABRIC SOFTENING COMPOSITIONS

Title (de)
TEXTILWEICHMACHERZUSAMMENSETZUNGEN

Title (fr)
COMPOSITIONS ADOUCISSANTES POUR TISSUS

Publication
EP 1179037 A1 20020213 (EN)

Application
EP 00929672 A 20000503

Priority
• GB 0001699 W 20000503
• GB 9911434 A 19990517

Abstract (en)
[origin: WO0070004A1] The invention provides a fabric softening composition which has an increased resistance to malodour developement and which comprises: i) a liquid or soft solid derivative of a cyclic polyol (CPE) or of a reduced saccharide (RSE) resulting from 35 to 100 % of the hydroxyl groups in the polyol or saccharide being esterified or etherified, the CPE or RSE having 2 or more ester or ether groups independently attached to a C8-C22 alkyl or alkenyl chain, wherein at least one of the chains attached to the ester or ether groups has at least one unsaturated bond; and ii) a deposition aid; and iii) one or more antioxidant(s), wherein the weight ratio of i) to iii) is 20:1 or greater. The invention also provides a method of reducing malodour in a composition comprising a CPE or RSE as defined above by the addition of at least one antioxidant.

IPC 1-7
C11D 1/66

IPC 8 full level
D06M 13/228 (2006.01); **C11D 1/16** (2006.01); **C11D 1/66** (2006.01); **C11D 3/00** (2006.01); **D06M 13/148** (2006.01); **D06M 13/152** (2006.01); **D06M 13/165** (2006.01); **D06M 13/46** (2006.01); **D06M 15/03** (2006.01); **C11D 1/02** (2006.01); **C11D 1/38** (2006.01); **C11D 1/62** (2006.01)

CPC (source: EP)
C11D 1/662 (2013.01); **C11D 1/667** (2013.01); **C11D 3/0015** (2013.01); **C11D 3/0084** (2013.01); **C11D 1/02** (2013.01); **C11D 1/38** (2013.01); **C11D 1/62** (2013.01); **C11D 1/66** (2013.01)

Cited by
EP3733824A1; WO2020227037A1; EP3733824B1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0070004 A1 20001123; AR 023998 A1 20020904; AT E321835 T1 20060415; AU 4767900 A 20001205; AU 768506 B2 20031211; BR 0010574 A 20020219; BR 0010574 B1 20090811; CA 2367033 A1 20001123; CA 2367033 C 20100406; CN 1225530 C 20051102; CN 1350572 A 20020522; CZ 20014054 A3 20020814; CZ 298908 B6 20080312; DE 60026988 D1 20060518; DE 60026988 T2 20060921; EP 1179037 A1 20020213; EP 1179037 B1 20060329; ES 2258006 T3 20060816; GB 9911434 D0 19990714; HU 228798 B1 20130528; HU P0201469 A2 20020828; HU P0201469 A3 20040301; JP 2002544406 A 20021224; MX PA01011697 A 20020514; MY 154358 A 20150529; PL 191651 B1 20060630; PL 351739 A1 20030602; RO 121134 B1 20061229; RU 2227804 C2 20040427; TR 200103291 T2 20020422; ZA 200107246 B 20020902

DOCDB simple family (application)
GB 0001699 W 20000503; AR P000102348 A 20000516; AT 00929672 T 20000503; AU 4767900 A 20000503; BR 0010574 A 20000503; CA 2367033 A 20000503; CN 00807530 A 20000503; CZ 20014054 A 20000503; DE 60026988 T 20000503; EP 00929672 A 20000503; ES 00929672 T 20000503; GB 9911434 A 19990517; HU P0201469 A 20000503; JP 2000618411 A 20000503; MX PA01011697 A 20000503; MY PI20002148 A 20000516; PL 35173900 A 20000503; RO 200101223 A 20000503; RU 2001133737 A 20000503; TR 200103291 T 20000503; ZA 200107246 A 20010831