

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