

Title (en)

DRYER-ACTIVATED FABRIC CONDITIONING COMPOSITIONS CONTAINING ETHOXYLATED/PROPOXYLATED SUGAR DERIVATIVES

Title (de)

TROCKNERAKTIVIERTE WÄSCHEWEICHMACHERZUSAMMENSETZUNGEN ENTHALTEND ETHOXYLIerte/PROPOXYLIerte ZÜCKERDERivate

Title (fr)

COMPOSITIONS D'ADOUCISSEMENT DE TISSUS ACTIVEES PAR SECHAGE EN MACHINE ET CONTENANT DES DERIVES DE SUCRE ETHOXYLES/PROPOXYLES

Publication

**EP 0712441 B1 19991020 (EN)**

Application

**EP 94924134 A 19940805**

Priority

- US 9408837 W 19940805
- US 10291093 A 19930806
- US 28266594 A 19940729

Abstract (en)

[origin: WO9504811A1] Dryer-activated fabric softening compositions and articles having improved antistatic effects, for use in an automatic clothes dryer comprising: (A) at least about 5 % of highly ethoxylated, preferably at least 5 ethylene oxide (EO) groups per molecule, sugar derivative containing at least one long hydrophobic moiety per molecule; and, preferably, (B) from about 10 % to about 95 %, of carboxylic acid salt of tertiary amine. The amount of (A) present is at least sufficient to provide improved antistatic effects and is not so much as to cause the composition to have unacceptable physical characteristics, e.g., stickiness. The active components (A) and (B) can contain unsaturation to provide improved antistatic benefits.

IPC 1-7

**C11D 17/04; C11D 1/66; C11D 3/00; C11D 1/86**

IPC 8 full level

**C11D 1/86** (2006.01); **C11D 3/00** (2006.01); **C11D 1/04** (2006.01); **C11D 1/40** (2006.01); **C11D 1/62** (2006.01); **C11D 1/66** (2006.01); **C11D 17/04** (2006.01)

CPC (source: EP)

**C11D 1/86** (2013.01); **C11D 3/001** (2013.01); **C11D 17/047** (2013.01); **C11D 1/04** (2013.01); **C11D 1/40** (2013.01); **C11D 1/62** (2013.01); **C11D 1/662** (2013.01)

Citation (examination)

M.&I. ASH: "The Condensed Encyclopedia of Surfactants", CHEMICAL PUBLISHING CO., INC., USA

Designated contracting state (EPC)

CH DE FR GB IE LI

DOCDB simple family (publication)

**WO 9504811 A1 19950216**; CA 2168975 A1 19950216; CA 2168975 C 20010116; DE 69421282 D1 19991125; DE 69421282 T2 20000518; EP 0712441 A1 19960522; EP 0712441 B1 19991020

DOCDB simple family (application)

**US 9408837 W 19940805**; CA 2168975 A 19940805; DE 69421282 T 19940805; EP 94924134 A 19940805