

Title (en)

TISSUE PRODUCTS WITH IMPROVED SOFTNESS

Title (de)

SEIDENPAPIERPRODUKTE MIT VERBESSERTER WEICHHEIT

Title (fr)

PRODUITS EN PAPIER MENAGE A SOUPLESSE AMELIOREE

Publication

EP 0840823 A1 19980513 (EN)

Application

EP 96925328 A 19960716

Priority

- US 9611778 W 19960716
- US 50584095 A 19950721

Abstract (en)

[origin: WO9704170A1] The softness of tissues is improved by a topical treatment with a formulation containing a hydrophilic solvent and a surface modifying component, which includes quaternary ammonium compounds, quaternized protein compounds, phospholipids, silicone quaternaries, hydrolyzed wheat protein/polydimethylsiloxane phosphocopolyol copolymer, quaternized lanolin derivatives and silicone emulsions.

IPC 1-7

D21H 21/22

IPC 8 full level

D21H 17/06 (2006.01); **D21H 17/07** (2006.01); **D21H 17/10** (2006.01); **D21H 17/22** (2006.01); **D21H 17/53** (2006.01); **D21H 17/59** (2006.01); **D21H 21/22** (2006.01)

CPC (source: EP KR)

D21H 17/07 (2013.01 - EP); **D21H 17/10** (2013.01 - EP); **D21H 17/22** (2013.01 - EP); **D21H 17/53** (2013.01 - EP); **D21H 17/59** (2013.01 - EP); **D21H 21/22** (2013.01 - EP KR)

Citation (search report)

See references of WO 9704170A1

Designated contracting state (EPC)

BE DE ES FR GB IT NL SE

DOCDB simple family (publication)

WO 9704170 A1 19970206; AR 002886 A1 19980429; AU 6546596 A 19970218; AU 710263 B2 19990916; BR 9611422 A 19990223; CA 2223807 A1 19970206; CN 1207785 A 19990210; CO 4560507 A1 19980210; DE 69629031 D1 20030814; DE 69629031 T2 20040422; DE 69629031 T8 20040729; EP 0840823 A1 19980513; EP 0840823 B1 20030709; JP 2001502760 A 20010227; KR 19990035770 A 19990525; MX 9800373 A 19980731; PL 326892 A1 19981026; TR 199800096 T2 19980721; ZA 965677 B 19970124

DOCDB simple family (application)

US 9611778 W 19960716; AR 10365396 A 19960719; AU 6546596 A 19960716; BR 9611422 A 19960716; CA 2223807 A 19960716; CN 96198797 A 19960716; CO 96037086 A 19960715; DE 69629031 T 19960716; EP 96925328 A 19960716; JP 50680097 A 19960716; KR 19980700426 A 19980120; MX 9800373 A 19980112; PL 32689296 A 19960716; TR 9800096 T 19960716; ZA 965677 A 19960704