

Title (en)

SOFT TISSUE PAPER FROM COARSE CELLULOSE FIBERS

Title (de)

AUS RAUHEN ZELLSTOFFFASERN HERGESTELLTES SANFTES SEIDENPAPIER

Title (fr)

PAPIER DOUX POUR SERVIETTES OBTENU A PARTIR DE FIBRES DE CELLULOSE GROSSIERES

Publication

EP 0772716 A1 19970514 (EN)

Application

EP 95925632 A 19950712

Priority

- US 9508741 W 19950712
- US 28233194 A 19940729

Abstract (en)

[origin: WO9604424A1] Tissue paper webs useful in the manufacture of soft, absorbent sanitary products such as bath tissue, facial tissue, and napkins are provided. The tissue papers comprise chemically softened cellulose fibers comprising coarse cellulose fibers such as those derived from chemi-thermomechanical or recycled sources. The cellulose fibers have enhanced lubricity such that they possess a depressed coefficient of friction (DCOF, in percentage points) related to the composite average coarseness, C, in mg/100m, by the equation: $DCOF > 4.27 \cdot C - 44.23$.

IPC 1-7

D21H 15/02; **D21H 21/24**; **D21H 17/07**; **D21H 17/59**; **D21H 17/06**; **A61K 7/00**

IPC 8 full level

A47K 10/16 (2006.01); **D21F 11/14** (2006.01); **D21H 15/02** (2006.01); **D21H 17/06** (2006.01); **D21H 17/07** (2006.01); **D21H 17/14** (2006.01); **D21H 17/59** (2006.01); **D21H 21/24** (2006.01); **D21H 27/38** (2006.01); **D21H 11/02** (2006.01); **D21H 11/04** (2006.01)

CPC (source: EP)

D21F 11/14 (2013.01); **D21H 15/02** (2013.01); **D21H 17/06** (2013.01); **D21H 17/07** (2013.01); **D21H 17/59** (2013.01); **D21H 21/24** (2013.01); **D21H 27/38** (2013.01); **D21H 11/02** (2013.01); **D21H 11/04** (2013.01)

Citation (search report)

See references of WO 9604424A1

Cited by

US7497925B2; US6582560B2; US7497926B2; US6893535B2; US6887348B2

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

WO 9604424 A1 19960215; AU 2969995 A 19960304; BR 9508461 A 19980609; CA 2194670 A1 19960215; CA 2194670 C 20020917; CN 1200780 A 19981202; DE 69525946 D1 20020425; DE 69525946 T2 20021128; EP 0772716 A1 19970514; EP 0772716 B1 20020320; JP H10503684 A 19980407; MX 9700759 A 19981031

DOCDB simple family (application)

US 9508741 W 19950712; AU 2969995 A 19950712; BR 9508461 A 19950712; CA 2194670 A 19950712; CN 95194391 A 19950712; DE 69525946 T 19950712; EP 95925632 A 19950712; JP 50651795 A 19950712; MX 9700759 A 19970129