

Title (en)

Cut resistant paper and paper articles and method for making same

Title (de)

Schnittfestes Papier und Artikel aus schnittfestem Papier

Title (fr)

Papier et articles en papier empechant de se couper

Publication

EP 1852552 A1 20071107 (EN)

Application

EP 07014530 A 20020411

Priority

- EP 02721777 A 20020411
- US 28298301 P 20010411

Abstract (en)

A paper material for use in the manufacture of paper articles comprising a paper web including cellulosic fibers and expanded microspheres, the paper web having a density of from 0.449 to 0.77 g/cm³ (7.0 to 12.0 lb/3000ft² /mil) and a caliper after calendaring of from 0.279 to 0.457 mm (11.0 to 18.0 mils) wherein the microspheres have an expanded diameter of from 30 to 60 micrometer, and the paper web has reverse die cut edges which exhibit an improved resistance to inflicting cuts upon human skin.

IPC 8 full level

B42F 7/00 (2006.01); **D21H 17/00** (2006.01); **D21H 21/54** (2006.01)

CPC (source: EP)

D21H 21/54 (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1852552 A1 20071107

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