

Title (en)

TOPSHEET AND TRANSFER LAYER FOR AN ABSORBENT ARTICLE

Title (de)

ÖBERSTE SCHICHT UND TRANSFERSCHICHT FÜR EINEN ABSORBIERENDEN ARTIKEL

Title (fr)

SYSTEMES D'ASPIRATION POUR DES PRODUITS DE SOIN PERSONNEL

Publication

EP 1284704 A2 20030226 (EN)

Application

EP 01935620 A 20010517

Priority

- US 0115924 W 20010517
- US 57394700 A 20000519

Abstract (en)

[origin: WO0190465A2] There is provided an intake system material for personal care products made from a nonwoven web and having a hydrophobic top surface and a capillary tension gradient which increases in the Z-direction perpendicular to the top surface. The intake system material may be made from a single layer or multiple layers and useful in personal care products like diapers, training pants, incontinence garments and feminine hygiene products.

IPC 1-7

A61F 13/511; A61F 13/537

IPC 8 full level

A61F 13/53 (2006.01); **A61D 9/00** (2006.01); **A61F 5/44** (2006.01); **A61F 13/00** (2006.01); **A61F 13/15** (2006.01); **A61F 13/49** (2006.01);
A61F 13/511 (2006.01); **A61J 13/00** (2006.01); **C08L 101/16** (2006.01); **D04H 1/42** (2006.01)

CPC (source: EP KR)

A61F 13/15203 (2013.01 - EP KR); **A61F 13/51113** (2013.01 - EP KR); **A61F 13/51311** (2013.01 - EP KR); **A61F 13/5376** (2013.01 - EP KR);
A61F 2013/15487 (2013.01 - EP KR)

Citation (search report)

See references of WO 0190465A2

Designated contracting state (EPC)

AT BE CH DE FR GB LI

DOCDB simple family (publication)

WO 0190465 A2 20011129; WO 0190465 A3 20020404; AR 028591 A1 20030514; AU 6169901 A 20011203; BR 0110964 A 20031230;
CN 1443055 A 20030917; EP 1284704 A2 20030226; JP 2003534466 A 20031118; KR 20020097289 A 20021231; MX PA02011209 A 20030310;
ZA 200209184 B 20040211

DOCDB simple family (application)

US 0115924 W 20010517; AR P010102379 A 20010518; AU 6169901 A 20010517; BR 0110964 A 20010517; CN 01813062 A 20010517;
EP 01935620 A 20010517; JP 2001586655 A 20010517; KR 20027015515 A 20021118; MX PA02011209 A 20010517;
ZA 200209184 A 20010517