

Title (en)

ABSORBENT HAVING GOOD ABSORBENCY AND WICKING PROPERTIES

Title (de)

ABSORBIERENDE SCHICHTEN MIT GUTEN ABSORPTIONS- UND VERTEILUNGSEIGENSCHAFTEN

Title (fr)

SYSTEME ABSORBANT PRESENTANT DE BONNES PROPRIETES D'ABSORPTION ET DE PENETRATION CAPILLAIRE

Publication

EP 1318780 A2 20030618 (EN)

Application

EP 01973347 A 20010921

Priority

- US 0129625 W 20010921
- US 66787400 A 20000922

Abstract (en)

[origin: WO0224132A2] There is provided an absorbent system for personal care products wherein absorbent material is located within an extendible layer. There may be a second outer layer on a side opposite the extendible layer. At least one of the outer layers must be liquid permeable. The layers may be bonded together with a pattern. The absorbent system may be made from a single layer or multiple layers, like, for example, neck-bonded laminates, neck-stretch bonded laminates, stretch-bonded laminates and zero stretch-strain laminates. An additional layer to promote liquid wicking may be located within the structure as well. The absorbent system is useful in personal care products like diapers, training pants, incontinence garments and feminine hygiene products.

IPC 1-7

A61F 13/53

IPC 8 full level

A61F 5/44 (2006.01); **A61F 13/15** (2006.01); **A61F 13/49** (2006.01); **A61F 13/494** (2006.01); **A61F 13/511** (2006.01); **A61F 13/514** (2006.01);
A61F 13/53 (2006.01)

CPC (source: EP KR)

A61F 13/15203 (2013.01 - EP); **A61F 13/53** (2013.01 - KR); **A61F 13/534** (2013.01 - EP); **A61F 13/537** (2013.01 - EP);
A61F 2013/15406 (2013.01 - EP); **A61F 2013/49022** (2013.01 - EP); **A61F 2013/51322** (2013.01 - EP); **A61F 2013/530532** (2013.01 - EP);
A61F 2013/53791 (2013.01 - EP)

Citation (search report)

See references of WO 0224132A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FR GB IT LI TR

DOCDB simple family (publication)

WO 0224132 A2 20020328; WO 0224132 A3 20020606; AR 030767 A1 20030903; AU 9293701 A 20020402; BR 0113639 A 20040608;
CN 1464783 A 20031231; EP 1318780 A2 20030618; JP 2004510472 A 20040408; KR 20030034200 A 20030501; MX PA03002086 A 20030624;
PL 363084 A1 20041115; RU 2279267 C2 20060710; ZA 200301135 B 20040211

DOCDB simple family (application)

US 0129625 W 20010921; AR P010104426 A 20010919; AU 9293701 A 20010921; BR 0113639 A 20010921; CN 01816129 A 20010921;
EP 01973347 A 20010921; JP 2002528171 A 20010921; KR 20037004107 A 20030321; MX PA03002086 A 20010921;
PL 36308401 A 20010921; RU 2003111755 A 20010921; ZA 200301135 A 20030211