

Title (en)

DISPOSABLE ABSORBENT ARTICLE HAVING AN EXPANDING TOPSHEET AND BEING CAPABLE OF SELF-SHAPING IN USE

Title (de)

ABSORBIERENDER WEGWERFARTIKEL MIT EINER AUSDEHNFAHIGEN DECKSCHICHT UND MIT FAHIGKEIT, SEINE FORM ZU ANDERNWAHREND SEINER VERWENDUNG

Title (fr)

ARTICLE ABSORBANT JETABLE COMPRENANT UNE FEUILLE SUPERIEURE EXPANSIVE ET CAPABLE DE S'ADAPTER LUI MEME AUX FORMES EN UTILISATION

Publication

**EP 0902675 A4 20000426 (EN)**

Application

**EP 97921442 A 19970428**

Priority

- EP 97921442 A 19970428
- EP 96106721 A 19960429
- US 9707140 W 19970428

Abstract (en)

[origin: EP0804913A1] A disposable absorbent article which is substantially flat prior to use for wearing adjacent a body discharge area having a longitudinal centreline and a lateral centreline orthogonal thereto and defining longitudinal and lateral directions respectively. The disposable absorbent article comprises a liquid pervious topsheet, a backsheet joined to said topsheet and an absorbent core intermediate the backsheet and the topsheet. The absorbent core comprises a sheet of compressed regenerated cellulose sponge for expanding the article into a tridimensional structure while being worn by a user. The compressed regenerated cellulose sponge sheet is activated by body fluids. The topsheet is capable of expanding as the absorbent article expands upon activation by body fluids. <IMAGE> <IMAGE>

IPC 1-7

**A61F 13/15**

IPC 8 full level

**A61F 13/15** (2006.01); **A61F 13/534** (2006.01)

CPC (source: EP KR)

**A61F 13/47227** (2013.01 - EP KR); **A61F 13/47263** (2013.01 - EP KR); **A61F 13/4752** (2013.01 - EP KR); **A61F 13/511** (2013.01 - EP KR);  
**A61F 13/535** (2013.01 - EP KR); **A61F 2013/1539** (2013.01 - EP KR)

Citation (search report)

- [PX] GB 2296438 A 19960703 - MOELNLYCKE AB [SE]
- [PX] WO 9619168 A2 19960627 - KIMBERLY CLARK CO [US]
- [X] WO 9500091 A1 19950105 - PROCTER & GAMBLE [US]
- [A] WO 9527457 A2 19951019 - PROCTER & GAMBLE [US]
- [A] EP 0692232 A1 19960117 - PROCTER & GAMBLE [US]
- [AD] US 3736931 A 19730605 - GLASSMAN J
- [AD] US 3512530 A 19700519 - JONES JOHN LESLIE SR
- [DA] EP 0293208 A1 19881130 - LION CORP [JP]
- See references of WO 9740796A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 0804913 A1 19971105; EP 0804913 B1 20020619**; AU 2747797 A 19971119; CA 2253356 A1 19971106; CA 2253356 C 20030211;  
DE 69621908 D1 20020725; DE 69621908 T2 20030213; EP 0902675 A1 19990324; EP 0902675 A4 20000426; JP 2002509450 A 20020326;  
JP 3447748 B2 20030916; KR 20000065121 A 20001106; WO 9740796 A1 19971106

DOCDB simple family (application)

**EP 96106721 A 19960429**; AU 2747797 A 19970428; CA 2253356 A 19970428; DE 69621908 T 19960429; EP 97921442 A 19970428;  
JP 53914297 A 19970428; KR 19980708713 A 19981029; US 9707140 W 19970428