

Search history

Search 1: SFT=(absorbe nt and zinc and aloe and (oil or lipid or petrolatum)) (Results 0)
Search 2: absorbent and zinc and aloe and (oil or lipid or petrolatum) (Results 1214)
Search 3: 2 and inhibit* (Results 867)
Search 4: 2 and pd<20140610 (Results 972)
Search 5: 3 and pd<20140610 (Results 674)
Search 6: 5 and strip* (Results 270)
Search 7: 6 and CPC =(A61F13) (Results 69)
Search 8: 7 and (inhibit* near micro+) (Results 1)
Search 9: 7 and (inhibit* near micro*) (Results 12)

Title: DISPOSABLE TREATMENT ARTICLE HAVING A RESPONSIVE SYSTEM

Abstract: (Claim 1) 1. A disposable article (20), where said article is selected from the group consisting of diapers, tissues, towels, wipes, sponges, mops and gloves, suitable for treating an object, such as a material, a device, or a person, said article comprising a responsive system for performing a responsive function upon the object to be treated, the responsive system including:

- (i) a sensor (60) operatively connected to said article (20), said sensor being adapted to detect an input, and
- (ii) an actuator (70) operatively connected to said sensor (60), said actuator being adapted to perform a responsive function upon said input, said actuator (70) comprising a distinct component from said sensor (60),
- (iii) a controller (80), said controller being adapted to receive a signal from said sensor and allow said actuator to perform said responsive function when said sensor detects said input.

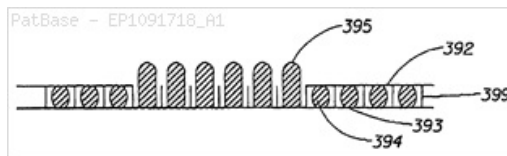
Classifications:

International (IPC 8-9): A47K7/02 A47L13/16 A47L13/17 A61F13/15 A61F13/42 A61F13/82 A61L15/18 A61L15/20 A61L15/24 A61L15/26 A61L15/56 G01N27/00 G01N33/483 G01N33/487 G01N33/50 G01N33/53 G05B11/00 (Advanced/Invention); A47L13/16 G01N27/00 (Advanced/Non-invention); A47L13/16 A61F13/15 A61F13/42 A61F13/56 A61L15/16 G01N27/00 G01N33/483 G01N33/487 G01N33/53 (Core/Invention)

International (IPC 1-7): A47K7/02 A47L13/16 A47L13/17 A61F13/15 A61F13/42 G01N27/00

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European: A61F13/42 A61F13/495 A61F13/82 A61L15/18 A61L15/20 A61L15/24 A61L15/26 A61L15/56 G01N33/483 G01N33/487B G01N33/53F K61F13/84C K61F13/84D1

**Family:**

Publication number	Publication date	Application number	Application date
AU199948407 A1	20000117	AU19990048407	19990629
AU199948407 A5	20000117	AU19990048407	19990629
CA2335334 AA	20001215	CA19992335334	19990629
CL1999001421 A1	20000114	CL19990001421	19990630
CL1999001429 A1	19991214	CL19990001429	19990630
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DE69937053 T2	20080529	DE19996037053T	19990629
EP1091718 A1	20010418	EP19990932009	19990629
EP1091718 B1	20070905	EP19990932009	19990629
JP2002519108 T2	20020702	JP20000556734T	19990629
PE07202000 A1	20001014	PE19990000591	19990630
PE07312000 A1	20001020	PE19990000592	19990630

Priority:

US19980090993P 19980629 US19980106225 19980629 US19980107561 19980629
WO1999US14636 19990629

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s): (std): PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY ; SCHMIDT MATTIAS ; ROE DONALD CARROLL ; ALLEN PATRICK ALLEN ; EHRSPEERGER BRUNO ; EHRSPEERGER BRUNO JOHANNES

Inventor(s): (std): ALLEN PATRICK ALLEN ; ALLEN PATRICK JAY ; EHRSPEERGER BRUNO JOHANNES ; COLES PETER ; KOHMAKOV OLEG NIKOLAEVICH ; KRUCHININ MIKHAIL K ; OSBORNE ; LITVIN SIMON SOLOMONOVICH ; ROE DONALD CARROLL ; SCHMIDT MATTIAS

Inventor(s): ALLEN P J ; SCHMIDT M ; MATTIAS SCHMIDT ; PATRICK ALLEN ALLEN ; ROE D C ; ROE D C FEDOSOV YURY IGOREVICH ; ROE DC ; ROE DC FEDOSOV YURY IGOREVICH KRUCHININ MIKHAIL L ; KRUCHININ MIKHAIL L ; DONALD CARROLL ROE ; EHRSPEERGER B J ; EHRSPEERGER BJ ; KHOMIAKOV OLEG N ; ALLEN PJ ; BRUNO JOHANNES EHRSPEERGER

Agent(s): SIM AND MCBURNEY ; HARNECKER

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

Title: DISPOSABLE TREATMENT ARTICLE HAVING A RESPONSIVE SYSTEM

Abstract: Disposable articles for treating objects such as surfaces, devices, persons, contaminants, and the like or for treating substances disposed on, in, or in proximity to such objects having a responsive system. The responsive system may respond continuously or discontinuously. A continuous responsive system of the present invention further includes a feedback control loop. A discontinuous responsive system of the present invention may include either a feedback control loop or an open loop.

Classifications:

International (IPC 8-9): A47K7/02 A47L13/16 A47L13/17 A61F13/15 A61F13/42 A61F13/82 A61L15/18 A61L15/20 A61L15/24 A61L15/26 A61L15/56 G01N27/00 G01N33/483 G01N33/487

G01N33/53 (Advanced/Invention);

A47L13/16 A61F13/15 A61F13/42 A61F13/56 A61L15/16 G01N27/00 G01N33/483 G01N33/487 G01N33/53 (Core/Invention)

International (IPC 1-7): A47K7/02 A47L13/17 A61F13/15 A61F13/42 G01N33/483 G01N33/487 G01N33/50

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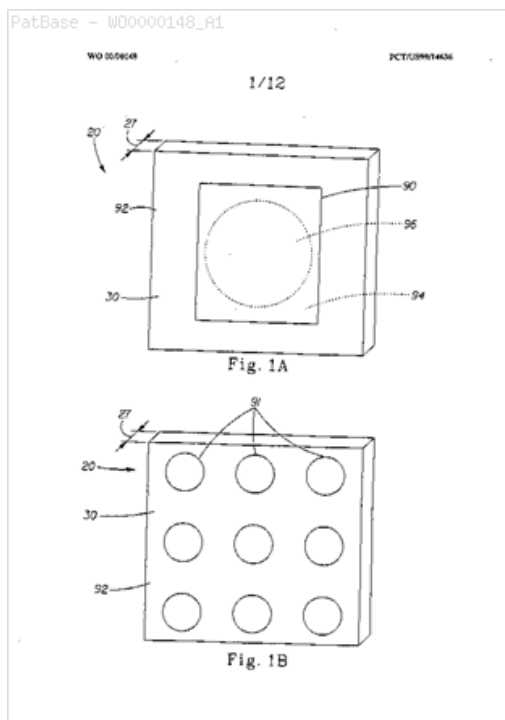
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G01N33/487B G01N33/53F K61F13/84C K61F13/84D1



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AR032125 AA	20031029	AR1999P103152	19990629
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Priority:

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Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s): (std): PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY ; GAMBLE CO ; PROCTER AND

Inventor(s): (std): COLES PETER NMN ; KRUCHININ MIKHAIL K ; OSBORNE THOMAS JOSEPH JR ; SCHMIDT MATTIAS ; KRUCHININ MIKHAIL LEONIDOVICH ; KHOMIAKOV OLEG NIKOLAEVICH ; FEDOSOV YURY IGOREVICH ; EHRSNERGER BRUNO JOHANNES ; ALLEN PATRICK JAY ; ALLEN PATRICK ALLEN ; ROE DONALD CARROLL ; LITVIN SIMON SOLOMONOVICH ; KRUCHININ MIKHAIL L ; KHOMIAKOV OLEG NIKOLAEVICH ; COLES PETER ; ROE DONALD ; EHRSNERGER BRUNO ; ALLEN PATRICK

Inventor(s): KHOMIAKOV OLEG NIKOLAEVICH AND

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZA ZW

Title: Article having a transferable breathable skin care composition thereon

Abstract: The present invention relates to an article having a skin care composition disposed on at least a portion of the article. The skin care composition is a breathable, barrier protectant which can be immobilized on the article and is transferable to the wearer's skin via contact, normal wearer motion and/or body heat. Particularly, the skin care composition should have a water vapor transmission rate of at least about 0.1 gm/m²/hr and a barrier property of at least about -25 on Hunter b scale, as measured by a Methylene Blue Dye Method.

Classifications:

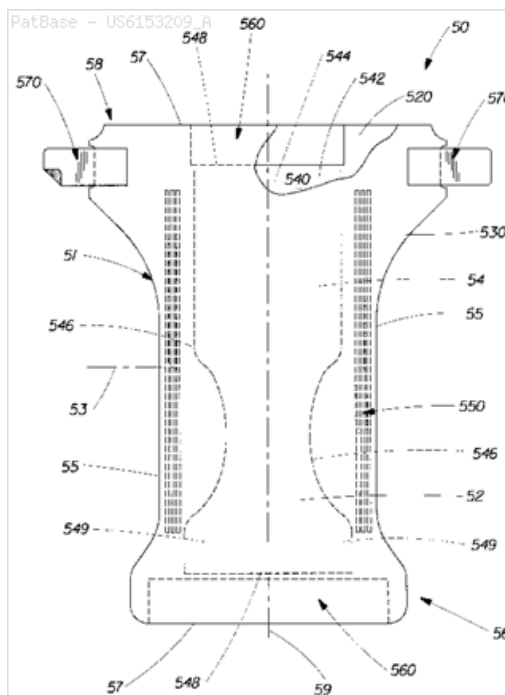
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International (IPC 1-7): A01N25/34 A61F13/00 A61F13/15 A61F13/472 A61F13/49 A61F13/511 A61F13/514 A61F13/53 A61F5/44 A61K7/00 A61K7/48 A61K9/70 A61L15/00 A61L9/00

CPC: A61F13/8405 A61F2013/15284 A61L15/34 A61L15/42

European: A61F13/84B A61L15/34 A61L15/42 K61F13/15J8

US: 424/400 424/404 424/445 424/76.1 424/76.3 604/363 604/364 604/381 604/382



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AU200075956 A1	20010430	AU20000075956	20000920
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EP1216020 A1	20020626	EP20000965204	20000920
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IL148643 A1	20060410	IL20000148643	20000920
IN217158 B	20080331	IN2002DN00296	20020313
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ZA200202000 A	20030827	ZA20020002000	20020311

Priority:

US19990407950 19990928 WO2000US25789 20000920 KR20027003988 20020327

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s): (std): PROCTER AND GAMBLE ; PROCTER AND GAMBLE CO

Assignee(s): ROE DONALD CARROLL ; THE PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY ; THE PROCTER AND GAMBLE CO CINCINNATI OHIO ; VEGA VICTOR NICHOLAS ; VAN HAUWERMEIREN TIM ; HANSER THOMAS ROBERT

Inventor(s): (std): VEGA VICTOR NICHOLAS ; VEGA VICTOR N ; VEGA ; VAN HAUWERMEIREN TIM ; VAN HAUWERMEIREN ; TIM VAN HAUWERMEIREN ; ROE DONALD CARROLL ; ROE DONALD CARROLI ; ROE ; HAUWERMEIREN VICTOR N VEGA THO ; HAUWERMEIREN TIM VAN ; HANSER THOMAS ROBERT ; HANSER THOMAS R ; HANSER ; TIM HAUWERMEIREN VAN ; THOMAS ROBERT HANSER ; ROBERT HANSER THOMAS ; NICHOLAS VEGA VICTOR ; CARROLL ROE DONALD

Inventor(s): VICTOR NICHOLAS VEGA ; VICTOR N VEGA THOMAS R HANSER TIM VAN HAUWERMEIREN ; DONALD

CARROLL ROE ; DONALD CARROLI ROE ; VICTOR N VEGA ; THOMAS R HANSER ; VANHAUWERMEIREN
TIM

Agent(s):

WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY
LTD; DIMOCK STRATTON LLP; WILSON LUE LLP; REINHOLD COHN AND PARTNERS

Designated states:

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SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Title: WATER-DISPERSIBLE POLYMERS, A METHOD OF MAKING SAME AND ITEMS USING SAME

Abstract: The present invention is directed to water-dispersible polymers. The present invention is also directed to a method of making water-dispersible polymers and their applicability as binder compositions. The present invention is further directed to fiber-containing fabrics and webs comprising water-dispersible binder compositions and their applicability in water-dispersible personal care products.

Classifications:

International (IPC 8-9): A61L15/24 A61L15/62 (Advanced/Invention);

A47K10/32 A61F13/15 A61L15/00 (Advanced/Non-invention);

A61L15/16 (Core/Invention);

A47K10/24 A61F13/15 (Core/Non-invention)

International (IPC 1-7): A61L15/00 B32B25/10 C08K3/34 C08L25/02 C08L33/02 C08L33/04 C08L35/02 C08L9/00

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European: A61L15/24 A61L15/62 K47K10/32W K61F13/15J2

US: 428/292.1 428/292.100P 428/295.1 428/295.100S 524/449 524/449S 525/221 525/222 525/232 525/241

Family:

Publication number	Publication date	Application number	Application date
AR032526 AA	20031112	AR2002P100331	20020130
AU2002236874 AA	20020812	AU20020236874	20020124
BRPI0203901 A	20030603	BR2002PI03901	20020124
DE10291388 T	20031218	DE20021091388T	20020124
DE10291388 T1	20031218	DE20021091388T	20020124
GB200318535 A0	20030910	GB20030018535	20020124
GB2387849 A1	20031029	GB20030018535	20020124
GB2387849 B2	20041215	GB20030018535	20020124
KR20020084281 A	20021104	KR20027013075	20020124
MXPA03001110 A1	20040129	MX2003PA01110	20020124
US2002146552 AA	20021010	US20010775312	20010201
US6586529 BB	20030701	US20010775312	20010201
WO02060497 A2	20020808	WO2002US02245	20020124
WO02060497 A3	20030306	WO2002US02245	20020124

Priority:

US20010775312 20010201 WO2002US02245 20020124

Probable Assignee: KIMBERLY CLARK CORP

Assignee(s): (std): KIMBERLY CLARK CO ; KIMBERLY CLARK WORDWIDE INC

Assignee(s): KIMBERLY CLARK WORLDWIDE INC ; MUMICK PAVNEET S ; KIMBERLY CLARK CORP ; CHANG YIHUA ; CHEN FRANKLIN M C ; CHEN FRANKLIN MC

Inventor(s): (std): CHANG YIHUA ; CHEN FRANKLIN M C ; KIMBERLY CLARK WORLDWIDE INC ; MUMICK PAVNEET S

Inventor(s): PAVNEET S MUMICK ; YIHUA CHANG ; CHEN FRANKLIN MC ; FRANKLIN M C CHEN ; FRANKLIN MC CHEN

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

Title: Disposable treatment article having a responsive system

Abstract: Disposable articles for treating objects such as surfaces, devices, persons, contaminants, and the like or for treating substances disposed on, in, or in proximity to such objects having a responsive system. The responsive system may respond continuously or discontinuously. A continuous responsive system of the present invention further includes a feedback control loop. A discontinuous responsive system of the present invention may include either a feedback control loop or an open loop.

Classifications:

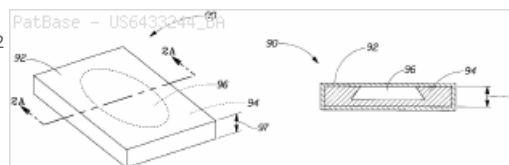
International (IPC 8-9): A47L13/16 A61F13/15 A61F13/42 A61F13/82 A61L15/18 A61L15/20 A61L15/24 A61L15/26 A61L15/56 G01N27/00 G01N33/483 G01N33/487 G01N33/53 (Advanced/Invention)

International (IPC 1-7): A61F13/15

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Family:

Publication number	Publication date	Application number	Application date
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Priority:

US19980090993P 19980629 US19980106225 19980629 US19980107561 19980629
US19990342785 19990629

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s): (std): PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Inventor(s): (std): ALLEN PATRICK J ; EHNSPERGER BRUNO J ; ROE DONALD C ; SCHMIDT MATTIAS

Title: TOP-BIASED BENEFICIAL COMPONENTS ON SUBSTRATES

Abstract: A treated substrate with improved availability of a beneficial component for transfer to a target surface and methods for making the same are described. The substrate has a contacting surface with a beneficial component that is transferred from the contacting surface to a target surface during use of the article. The beneficial component is applied to the article in such a way as to "Top-Bias" the component on or near the contacting surface of the article.

Classifications:

International (ipc 8-9): A01N25/34 A47L13/17 A47L13/20 A61F13/00 A61F13/15 A61F13/511 A61F13/84 A61F5/44 A61K8/02 A61K9/70 A61L15/16 A61L15/40 A61L15/42 B05D5/00 B05D7/24 B32B33/00 B32B5/14 B32B5/18 D06M13/02

D06M13/144 (Advanced/Invention); A61F13/00 A61F13/15 A61K6/00 A61K9/00 A61L15/16 A61L15/40 A61L15/42 (Advanced/Non-invention); A01N25/34 A47L13/16 A47L13/20 A61F13/15 A61F5/44 A61K8/02 A61K9/70 A61L15/16 B05D5/00 B05D7/24 B32B33/00 B32B5/14 B32B5/18 D06M13/00 (Core/Invention); A61F13/00 A61K6/00 A61K9/00 (Core/Non-invention)

International (ipc 1-7): A47L13/17 A47L13/20 A61F13/15 A61F13/511 A61F13/84 A61F5/44 A61K7/06 A61K9/70 B32B5/14 C11D0/00000 C11D17/00

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European: A61F13/511 A61F13/84B K61F13/15A6 K61F13/511C1

US: 424/400 424/401 424/402 424/443 424/443P 424/446 424/70.1 424/70.100S 442/123 442/123S 510/238 510/238S 510/245 510/245S 604/358 604/358S

PatBase - US2003035824_AA

Patent Application Publication Feb. 28, 2003 Sheet 1 of 2 US 2003/003824 A1

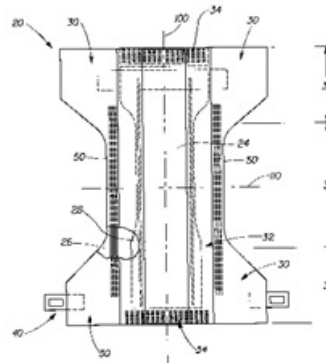


Fig. 1

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WO03002698 A3	20031030	WO2002US19699	20020621

Priority:

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 WO2002US19699 20031227 WO2002US19699 20061031 US20070654086 20070117

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s): (std): GATTO JOSEPH A ; GATTO JOSEPH ANTHONY ; ISELE OLAF ; KLOFTA THOMAS J ; KLOFTA THOMAS JAMES ; MCNALLY MATTHEW G ; MCNALLY MATTHEW GERALD ; P AND G CO ; PROCTER AND GAMBLE ; PROCTER AND GAMBLE CO ; STAUDIGEL JAMES A ; STONE KIRSTEN K ; TAYLOR SHERMAN L II ; STAUDIGEL JAMES ANTHONY ; RULE JULIE CHARLENE ; RULE JULIE C ; TAYLOR II SHERMAN LEE ; STONE KIRSTEN KAE

Assignee(s): THE PROCTER AND GAMBLE COMPANY ; TAYLOR SHERMAN LEE II ; PROCTER AND GAMBLE CO CINCINNATI

Inventor(s): (std): ANTHONY GATTO JOSEPH ; ANTHONY STAUDIGEL JAMES ; CHARLENE RULE JULIE ; GATTO JOSEPH ANTHONY ; GERALD MCNALLY MATTHEW ; ISELE OLAF ; JAMES KLOFTA THOMAS ; JOSEPH A GATTO ;

JULIE CHARLENE RULE ; KLOFTA OLAF ISELE JOSEPH A GAT ; KLOFTA THOMAS JAMES ; LEE TAYLOR SHERMAN II ; MACNALLY MATTHEW GERALD ; MCNALLY MATTHEW GERALD ; OLAF ISELE ; RULE JULIE CHARLENE ; STAUDIGEL JAMES ANTHONY ; STONE KIRSTEN K ; STONE KIRSTEN KAE ; TAYLOR SHERMAN LEE ; TAYLOR SHERMAN LEE II ; TAYLOR SHERMAN L II ; STAUDIGEL JAMES A ; RULE JULIE C ; MCNALLY MATTHEW G ; TAYLOR SHERMAN ; TAYLOR II SHERMAN LEE ; STONE KIRSTEN ; STAUDIGEL JAMES ; THOMAS J KLOFTA ; RULE JULIE ; MCNALLY MATTHEW ; KLOFTA THOMAS ; GATTO JOSEPH ; STAU ISELE OLAF GATTO JOSEPH A ; KLOFTA THOMAS J ; GATTO JOSEPH A

Inventor(s):

ISELE OLAF GATTO JOSEPH ANTHONY KLOFTA THOMAS JAMES MCNALLY MATTHEW GERALD RULE JULIE CHARLENE STAUDIGEL JAMES ANTHONY STONE KIRSTEN K ; ISELE OLAF GATTO JOSEPH ANTHONY KLOFTA THOMAS JAME ; ISELE OLAF GATTO JOSEPH ANTHONY KLOFTA THOMAS ; MATTHEW GERALD MACNALLY ; THOMAS JAMES KLOFTA ; SHERMAN LEE TAYLOR II ; TAYLOR SHERMAN LEE II MASON ; TAYLOR SHERMAN LII ; TAYLOR ; STONE KIRSTEN K WEST CHESTER ; STAUDIGEL JAMES ANTHONY CINCINNATI ; RULE JULIE CHARLENE CINCINNATI ; SHERMAN LEE II TAYLOR ; OLAF ISELE JOSEPH A GATTO THOMAS J KLOFTA ; MCNALLY MATTHEW GERALD WEST CHESTER ; MATTHEW GERALD MCNALLY ; KLOFTA THOMAS JAMES CINCINNATI ; KIRSTEN K STONE ; JOSEPH ANTHONY GATTO ; ISELE OLAF WEST CHESTER ; JAMES ANTHONY STAUDIGEL ; II SHERMAN LEE ; GATTO JOSEPH ANTHONY LOVELAND

Agent(s):

DIMOCK STRATTON LLP; WILSON LUE LLP; KREMER VERONIQUE MARIE JOSEPHINE; NAGAI HIROSHI; THE PROCTER AND GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION; ERIC T; KEN K; MATTHEW P; RICHARD L

Designated states:

AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

Title: INSERT FOR AN **ABSORBENT** ARTICLE WITH SKINCARE AGENT AND SPACING SHEET

Abstract: The invention relates to an insert for use together with an **absorbent** article such as a diaper, an incontinence product, a sanitary towel, a panty liner or the like, which insert is substantially non-urine-absorbing and comprises a support sheet 2 which has a first surface 12 and a second surface 13, the first surface 12 being treated with a skincare agent 14, and the second surface 13 being substantially impermeable to said skincare agent 14, a longitudinal centre line 8 and a transverse centre line 9. The insert furthermore comprises at least one spacing and liquid-receiving sheet 3 placed against the second surface 13 of the support sheet 2. The spacing and liquid receiving sheet facilitates the intake of liquid through the topsheet when the insert is in use.

Classifications:

International (IPC 8-9): A61F13/00 A61F13/15 A61F13/472

A61F13/49 A61F13/537 A61F13/84 A61F5/44

A61L15/34 (Advanced/Invention);

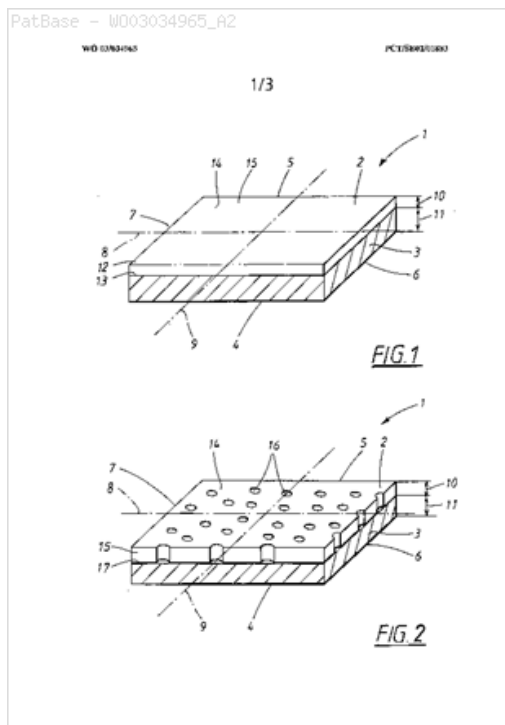
A61F13/00 A61F13/15 A61F5/44 (Core/Invention)

International (IPC 1-7): A61F13/00 A61F13/15 A61F13/472

A61F13/49 A61F13/537 A61F5/44 A61L15/34

CPC: A61F13/84

European: A61F13/84



Family:

Publication number	Publication date	Application number	Application date
AU2002363021 AA	20030506	AU20020363021	20021016
EP1448144 A2	20040825	EP20020802076	20021016
JP2005506149 T2	20050303	JP20030537535T	20021016
MXPA04002544 A1	20040618	MX2004PA02544	20021016
PL368508 A1	20050404	PL20020368508	20021016
SE200103567 A	20030427	SE20010003567D	20011026
SE200103567 A0	20011026	SE20010003567	20011026
SE200103567 L	20030427	SE20010003567	20011026
SE520236 C2	20030610	SE20010003567	20011026
WO03034965 A2	20030501	WO2002SE01883	20021016
WO03034965 A3	20031002	WO2002SE01883	20021016

Priority:

SE20010003567 20011026 WO2002SE01883 20021016

Probable Assignee: SCA HYGIENE PROD AB

Assignee(s): (std): SCA HYGIENE PROD AB ; SCA HYGIENE PRODUCTS AB

Inventor(s): (std): FERNFORS INGEMAR ; MOBERG ALEHAMMAR BARBRO ; ROENNBERG PETER ; RUNEMAN BO ; WINQVIST PONTUS ; RONNBERG PETER ; PETER R NNBERG ; PONTUS WINQVIST ; PETER ROENNBERG ; INGEMAR FERNFORS ; BO RUNEMAN ; BARBRO MOBERG ALEHAMMAR

Inventor(s): PETER RONNBERG

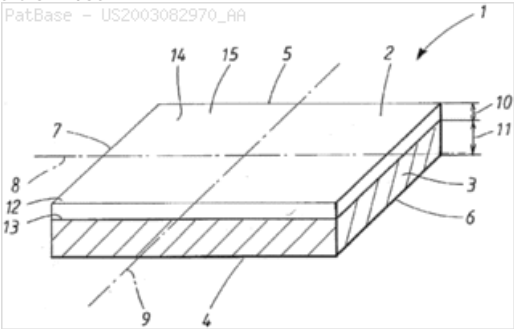
Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

Title: INSERT FOR AN ABSORBENT ARTICLE WITH SKINCARE AGENT AND SPACING SHEET

Abstract: An insert for use together with an absorbent article such as a diaper, an incontinence product, a sanitary towel, a panty liner or the like. The insert is substantially non-urine-absorbing and comprises a support sheet (2) which has a first surface (12) and a second surface (13), the first surface (12) being treated with a skincare agent (14), and the second surface (13) being substantially impermeable to the skincare agent. The insert further includes at least one spacing and liquid-receiving sheet (3) placed against the second surface (13) of the support sheet (2). The spacing and liquid-receiving sheet facilitates the intake of liquid through the topsheet when the insert is in use.

Classifications:

International (IPC 8-9): A61F13/15 A61F13/20 A61K8/02 A61Q19/00 B32B7/02 (Advanced/Invention);
A61F13/15 A61K8/02 A61Q19/00 B32B7/02 (Core/Invention)
International (IPC 1-7): B32B27/04 B32B27/12
CPC: Y10T442/20 Y10T442/2525 A61F13/84 A61F13/8405 A61K8/0208 A61Q19/00 B32B7/02
European: A61F13/84 A61F13/84B A61K8/02C A61Q19/00 B32B7/02
US: 442/123 442/123P 442/59 442/59S 604/367 604/385.01 604/385.03 604/385.06



Family:

Publication number	Publication date	Application number	Application date
US2003082970 AA	20030501	US20020272934	20021018
US7938812 BB	20110510	US20020272934	20021018

Priority:

US20010330614P 20011026 US20020272934 20021018

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s): (std): SCA HYGIENE PROD AB

Assignee(s): SCA HYGIENE PRODUCTS AB ; WINQVIST PONTUS ; FERNFORS INGEMAR ; MOBERG ALEHAMMAR BARBRO ; RONNBERG PETER ; RUNEMAN BO

Inventor(s): (std): FERNFORS INGEMAR ; MOBERG ALEHAMMAR BARBRO ; RUNEMAN BO ; WINQVIST PONTUS ; WINQVIST PONRUS ; ROENNBERG PETER

Inventor(s): RUENNBERG PETER ; RONNBERG PETER

Agent(s): BUCHANAN INGERSOLL AND ROONEY PC

Title: **ABSORBENT** ARTICLE AND METHOD OF PRODUCTION OF AN **ABSORBENT** ARTICLE

Abstract: An **absorbent** article having a first essentially liquid permeable surface layer (13), a backing layer (14) and, located between said liquid permeable surface layer (13) and said liquid impermeable backing layer (14), an **absorbent** body (15). The **absorbent** body has cavities (20) which are essentially cone-shaped and extend at least through part of the **absorbent** body (15), said cavities (20) having a tip part (21) and a base (22), the tip part (21) being located towards or in the liquid permeable surface layer (13) and the base (22) being located away from the liquid permeable surface layer (13). The inner surface of said cavities (20) is treated with at least one functional substance.

Classifications:

International (IPC 8-9): A61F13/15 A61F13/514 A61L15/42 B32B7/02 (Advanced/Invention);

A61F13/15 A61L15/16 B32B7/02 (Core/Invention)

International (IPC 1-7): A61F13/15 A61F13/514 A61L15/42

IPC: A61F13/15699 A61F13/5146 A61F13/515 A61F13/53

A61F13/5323 A61F13/539 A61F13/8405 A61F2013/53966

A61F2013/8411 A61F2013/8414 A61F2013/8438 A61L15/42

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European: A61F13/15C3 A61F13/15M5 A61F13/514B1A A61F13/53

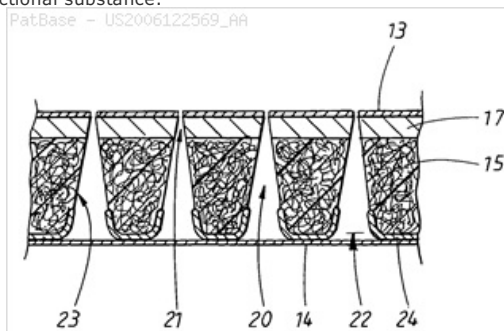
A61F13/532B A61F13/539 A61F13/84B A61L15/42 B32B7/02

K61F13/515 K61F13/539E K61F13/53Q2E K61F13/53S1

K61F13/84B1A K61F13/84B1B K61F13/84B2

US: 604/360 604/360P 604/378 604/379 604/380 604/381

604/385.101 604/385.101S



Family:

Publication number	Publication date	Application number	Application date
AT335454 E	20060915	AT20020793608T	20021209
AT476949 E	20100815	AT20020786337T	20021209
AU2002349856 AA	20030630	AU20020349856	20021209
AU2002349856 BB	20080417	AU20020349856	20021209
AU2002359102 AA	20030902	AU20020359102	20021209
AU2002359102 BB	20080403	AU20020359102	20021209
CO5590878 A2	20051230	CO20040057544	20040618
CO5590879 A2	20051230	CO20040057547	20040618
DE60213855 D1	20060921	DE20026013855	20021209
DE60213855 T2	20070308	DE20026013855T	20021209
DE60213855 T3	20160707	DE20026013855T	20021209
DE60237305 D1	20100923	DE20026037305	20021209
EP1455710 A1	20040915	EP20020786337	20021209
EP1455710 B1	20100811	EP20020786337	20021209
EP1455712 A1	20040915	EP20020793608	20021209
EP1455712 B1	20060809	EP20020793608	20021209
EP1455712 B2	20160309	EP20020793608	20021209
ES2269800 T3	20070401	ES20020793608T	20021209
ES2269800 T5	20160426	ES20020793608T	20021209
MXPA04004990 A1	20040811	MX2004PA04990	20021209
MXPA04005047 A1	20040819	MX2004PA05047	20021209
PL369413 A1	20050418	PL20020369413	20021209
PL369513 A1	20050418	PL20020369513	20021209
RU2004121990 A	20050310	RU20040121990	20021209
RU2004121991 A	20050310	RU20040121991	20021209
RU2303972 C2	20070810	RU20040121990	20021209
RU2303973 C2	20070810	RU20040121991	20021209
SE200104268 A	20030619	SE20010004268	20011218
SE200104268 A0	20011218	SE20010004268	20011218
SE200104268 L	20030619	SE20010004268	20011218
SE520670 C2	20030812	SE20010004268	20011218
US2006122569 AA	20060608	US20020498562	20021209
US7589250 BB	20090915	US20020498562	20021209
WO03051250 A1	20030626	WO2002SE02259	20021209
WO03063746 A1	20030807	WO2002SE02260	20021209

Priority:

SE20010004268 20011218

EP20020793608 20021209

WO2002SE02259 20021209

WO2002SE02260 20021209

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s): (std): GUSTAVSSON ANETTE ; SCA HYGIENE PROD AB ; DREVIK SOLGUN ; WINQVIST PONTUS

Assignee(s): ESSITY HYGIENE AND HEALTH AKTIEBOLAG ; SCA HYGIENE PRODUCTS AB ; SKA KHAJDZHIN PRODAKTS AB

Inventor(s): (std): GUSTAVSSON ANETTE ; WINQVIST PONTUS ; VINKVIST PONTUS ; DREVIK SOL GUN ; ANETTE GUSTAVSSON ; DREVIK SOLGUN ; PONTUS WINQVIST

Inventor(s): DREVIK SOL'GUN ; SOLGUN DREVIK

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; ROMARE LAILA ANETTE; VALEA AB; UNGRIA JAVIER; BUCHANAN INGERSOLL PC, (INCLUDING BURNS DOANE SWECKER AND MATHIS); BUCHANAN INGERSOLL PC INCLUDING BURNS DOANE SWECKER AND MATHIS; BUCHANAN INGERSOLL AND ROONEY PC

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: **ABSORBENT** ARTICLE WITH IMPROVED ELASTIC MEANS

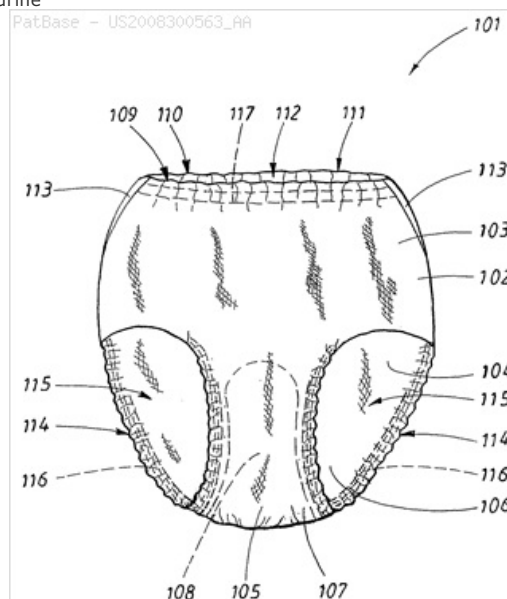
Abstract: The invention concerns an **absorbent** article such as a diaper, an incontinence product, a sanitary napkin, a panty liner or the like, wherein one or several parts (103,203: 104,204: 105,205) of said article comprise elastic means (116,216: 117,217; 119,219) which hold a skincare agent in their structure. The skincare agent is arranged to be released when the elastic means (116,216: 117,217; 119,219) is stretched during use of the **absorbent** article and the elastic means (116,216: 117,217; 119,219) absorbs less than 20 percent water or urine

Classifications:

International (IPC 8-9): A61F13/15 A61F13/47 A61F13/475
A61F13/49 A61F13/494 A61F5/44 A61L15/44 (Advanced/Invention);
A61F13/15 A61F5/44 A61L15/16 (Core/Invention)
CPC: A61F13/84 A61F13/8405 A61L15/34 A61L15/46 A61L2300/404
A61L2300/41

European: A61F13/84 A61F13/84B A61L15/34 A61L15/46
K61L300/404 K61L300/410

US: 604/367 604/367P 604/385.06 604/385.060S 604/385.27
604/385.270S 604/392 604/392S



Family:

Publication number	Publication date	Application number	Application date
CN101346115 A	20090114	CN200580052403	20051223
EP1965744 A1	20080910	EP20050822002	20051223
RU2008125052 A	20091227	RU20080125052	20051223
RU2394542 C2	20100720	RU20080125052	20051223
US2008300563 AA	20081204	US20050094394	20051223
WO07073270 A1	20070628	WO2005SE02046	20051223

Priority:

RU20080125052 20051223 WO2005SE02046 20051223

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s): (std): BERLAND CAROLYN ; FERNKVIST MARIA ; GUSTAFSON INGRID ; SCA HYGIENE PROD AB ; SCA HYGIENE PRODUCT AB ; SCA HYGIENE PRODUCTS AB

Assignee(s): SKA KHAJDZHIN PRODAKTS AB

Inventor(s): (std): BERLAND CAROLYN ; FERNKVIST MARIA ; GUSTAFSON INGRID ; FERNKVIST MARIJA ; BERLAND KAROLIN

Agent(s): ROMARE LAILA ANETTE ET AL; DRINKER BIDDLE AND REATH (DC); DRINKER BIDDLE AND REATH

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: LOW PH, OPTIMAL ORP, AND ODOR-REDUCING FIBERS, A PROCESS FOR MAKING THE FIBERS, AND ARTICLES MADE THEREFROM

Abstract: The present disclosure provides low pH fibers that are treated with additives, preferably after regenerating the cellulosic fiber, to control the pH and oxidation-reduction potential (ORP) in an aqueous environment where the fiber is placed. The low pH fibers can be formed into fibrous articles such as tampons or wipes. The low pH fibers with the additives provide health benefits to the user in that they hinder the ability of harmful bacteria to flourish.

Classifications:

International (IPC 8-9): A61F A61F13/00 A61F13/20 A61L15/20 A61L15/26 A61L15/28 A61L15/46 A61L15/48 B01J20/22 B01J20/26 D01F1/10 D01F11/02 D01F2/10 D06M13/184 D06M13/207

D06M15/53 (Advanced/Invention);

A61F (Subclass/Invention)

CPC: D06M11/13 D06M11/54 D06M11/82 D06M13/005 D06M13/184 D06M13/188 D06M13/192 D06M13/203 D06M13/207

D06M15/263 D01F2/10 A61L15/42 A61F13/202 A61F13/472

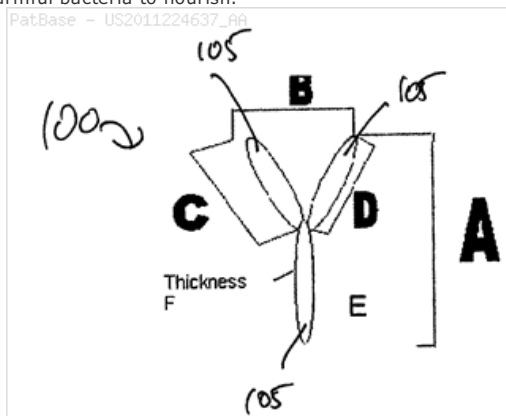
A61F13/8405 A61F2013/8411 A61L15/46 A61L15/48 A61L2300/21

A61L15/20

European: A61F13/84B A61L15/20 A61L15/42 A61L15/46

A61L15/48 K61F13/20A6 K61F13/472 K61F13/84B1A K61L300/210

US: 502/401 502/401S 502/402 502/402S 604/358 604/358P



Family:

Publication number	Publication date	Application number	Application date
AU2011218154 AA	20110825	AU20110218154	20110216
CA2789871 AA	20120815	CA20112789871	20110216
EP2536369 A1	20121226	EP20110745171	20110216
EP2536369 A4	20130925	EP20110745171	20110216
IL221451 A0	20121031	IL20120221451	20120814
JP2013519807 T2	20130530	JP20120553996T	20110216
KR101417557 B1	20140722	KR20127022704	20110216
KR20120125639 A	20121116	KR20127022704	20110216
MX2012009493 A1	20121217	MX20120009493	20110216
US2011224637 AA	20110915	US20110028839	20110216
WO11103183 A1	20110825	WO2011US25073	20110216

Priority:

US20100338195P 20100216 US20110028839 20110216 WO2011US25073 20110216

Probable Assignee: EVEREADY BATTERY CO INC

Assignee(s): (std): DOUGHERTY EUGENE P ; EDGETT KEITH ; EUGENE P DOUGHERTY ; JORGENSEN ROBERT ; PLAYTEX PRODUCTS LLC ; KEITH EDGETT ; ROBERT JORGENSEN

Assignee(s): EVEREADY BATTERY CO INC

Inventor(s): (std): DOUGHERTY EUGENE P ; EDGETT KEITH ; JORGENSEN ROBERT

Inventor(s): KEITH EDGETT ; ROBERT JORGENSEN ; EUGENE P DOUGHERTY

Agent(s): PHILLIPS ORMONDE FITZPATRICK; NORTON ROSE CANADA SENCRL SRL LLP; HERDEN ANDREAS F; RUGGIERO CHARLES N J

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: METHOD OF MEASURING A SKIN AGENT TRANSFERRED TO SKIN

Abstract: A method for measuring an amount of a skin agent transferred from an **absorbent** structure to an area of skin. An **absorbent** structure that includes a skin agent is provided and is applied to an area of skin. A portion of the skin agent transfers from the **absorbent** article to the area of skin. The **absorbent** article is removed and an extracting medium comprising an extraction component that does not irritate the skin is placed in the area of skin from which the **absorbent** structure was removed. The extracting medium is removed and the amount of skin agent extracted by the extracting medium is measured.

Classifications:

International (IPC 8-9): A61B5/00 A61F13/00 A61F13/15
A61F13/511 A61F13/513 A61F13/84 A61K8/18 A61L15/16

A61Q19/00 (Advanced/Invention)

CPC: A61B5/441 A61F13/15203 A61F13/8405 A61F2013/8491
A61L2/26

European: A61B5/44B A61F13/15J A61F13/84B K61F13/84E1
K61L2/26

US: 600/306

PatBase - US2012253143-A1

ERYTHEMA GRADING SCALE

- 0** No apparent cutaneous involvement.
- 0.5** Faint, barely perceptible erythema and/or slight dryness (glazed appearance).
- 1** Faint but definite erythema, no eruptions or broken skin or no erythema but definite dryness; may have epidermal fissuring.
- 1.5** Well-defined erythema or faint erythema with definite dryness, may have epidermal fissuring.
- 2** Moderate erythema, may have a few papules or deep fissures, moderate-to-severe erythema in the cracks.
- 2.5** Moderate erythema with barely perceptible edema or severe erythema, may have a few papules or moderate-to-severe erythema.
- 3** Severe erythema (beet redness), may have generalized papules or moderate-to-severe erythema with slight edema.
- 3.5** Moderate-to-severe erythema with moderate edema or moderate-to-severe erythema with isolated eschar formations or vesicles.
- 4** Generalized vesicles or eschar formations or moderate-to-severe erythema and/or edema.

Family:

Publication number	Publication date	Application number	Application date
BR112013023655 A2	20160816	BR20131123655	20120403
CN103476383 A	20131225	CN201280016409	20120403
EP2694018 A2	20140212	EP20120718771	20120403
IN08487DN2013 A	20141219	IN2013DN08487	20130930
US2012253143 AA	20121004	US20110079444	20110404
WO12138633 A2	20121011	WO2012US31951	20120403
WO12138633 A3	20121129	WO2012US31951	20120403

Priority:

US20110079444 20110404 WO2012US31951 20120403

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s): (std): PROCTER AND GAMBLE ; WARREN RAPHAEL

Assignee(s): PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Inventor(s): (std): WARREN RAPHAEL

Inventor(s): RAPHAEL WARREN

Agent(s): KREMER VERONIQUE MARIE JOSEPHINE; THE PROCTER AND GAMBLE COMPANY

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU
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