

Search history

Search 1: IC=(A61F) (Results 385828)
Search 2: 1 and (absorbent or absorptive) (Results 40578)
Search 3: 2 and (nonwoven or non-woven or (non 3d woven)) (Results 17966)
Search 4: 3 and lubricant* (Results 964)
Search 5: 4 and (polydimethylsiloxane or dimethicone or (silicone near oil)) (Results 183)
Search 6: 5 and PD<20140114 (Results 144)
Search 7: 6 and diaper (Results 106)

Title: STABILIZED SILOXANE-CONTAINING MELT-EXTRUDABLE THERMOPLASTIC COMPOSITIONS

Abstract: A stabilized surface-segregatable, melt-extrudable thermoplastic composition suitable for processing by melt extrusion to form a fiber or film having a differential, increasing concentration of a siloxane-containing primary additive from the center of the fiber or film to the surface thereof, which differential, increasing concentration imparts hydrophilicity to the surface of the fiber or film, which composition includes at least one thermoplastic polymer, at least one siloxane-containing primary additive, and at least one siloxane-containing stabilizing additive. During formation of the fiber or film, the primary additive rapidly segregates in a controllable manner toward the newly-formed surface of the fiber or film, thereby resulting in a controllable differential concentration of the primary additive, which concentration increases with increasing distance from the center of the fiber or film to its surface. The weight ratio of the polymer to the additive is in the range of from about 1 to about 1,000. The preferred polymer is a polyolefin such as polyethylene and polypropylene. The stabilizing additive prevents or minimizes degradation of additive and/or polymer during the melt-extrusion process. The stabilized thermoplastic composition is useful in the preparation of fibers or films which have hydrophilic surfaces. The thermoplastic composition is particularly useful in the formation of **nonwoven** webs which are used in the construction of such disposable **absorbent** products as **diapers**, feminine care products, incontinence products, and the like.

Classifications:

International (ipc 8-9): A61L15/22 C08J5/18 C08K5/00 C08K5/54 C08K5/5419 C08L101/00 C08L23/02 C08L83/04 D01F1/10 D04H1/56 (Advanced/Invention);

A61L15/16 C08J5/18 C08K5/00 C08L101/00 C08L23/00 C08L83/00 D01F1/10 D04H1/56 (Core/Invention)

International (ipc 1-7): A61F13/16 A61L15/00 A61L15/00 A61L15/22 A61L15/26 C08J5/18 C08K5/00 C08K5/34 C08K5/54 C08L1/00 C08L101/00 C08L101/00 C08L23/02 C08L23/04 C08L23/10 C08L67/02 C08L83/04 D01F1/10 D04H1/42 D04H1/56

CPC: Y10T428/31663 D04H1/56 C08G77/045 C08G77/14 C08G77/18 C08G77/26 C08L101/00 A61L15/225 C08G77/12 C08G77/46 C08G77/54 C08G77/70 C08J5/18 C08K5/0008 C08K5/54 C08K5/5419 C08L23/02 C08L83/04 D01F1/10

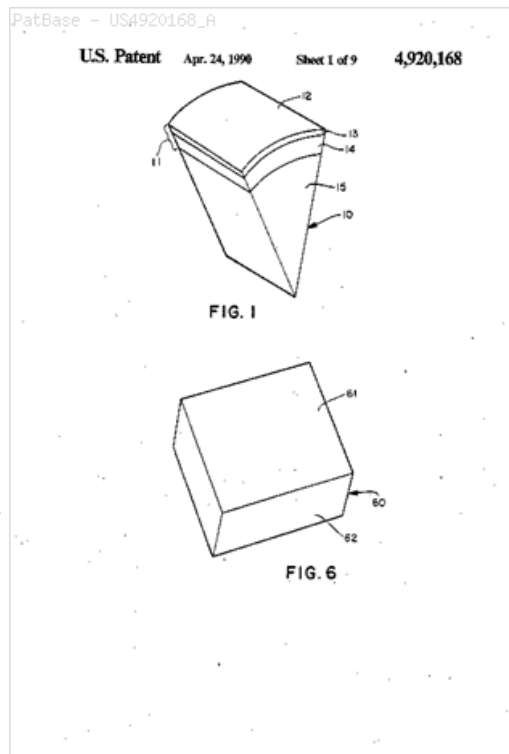
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US: 264/211 264/211.12 264/211.13 264/211.14 264/237 264/348 428/447 524/100 524/188 524/265 524/266 524/267 524/268 524/91 524/99 525/100 525/104 525/105 525/106 525/343 525/390 525/393 525/398 525/416 525/431 525/446 525/464 525/474

JP F-Term: 4F071 4F071/AA02 4F071/AA14 4F071/AA15 4F071/AA20 4F071/AA46 4F071/AA67 4F071/AA78 4F071/AA81 4F071/AE05 4F071/AF04 4F071/AF05 4F071/AF10 4F071/AF29 4F071/AF53 4F071/AF57 4F071/AG05 4F071/AH19 4F071/BA01 4F071/BB06 4F071/BC01 4F071/BC07 4F071/BC17 4J002 4J002/AA01/1 4J002/AC06/1 4J002/BB03/1 4J002/BB12/1 4J002/BB17/1 4J002/BC03/1 4J002/BL01/1 4J002/CP17/2 4J002/GK02 4L035 4L035/AA09 4L035/BB40 4L035/BB56 4L035/CC02 4L035/DD13 4L035/DD20 4L035/EE05 4L035/EE20 4L035/FF01 4L035/FF05 4L035/HH01 4L035/HH04 4L035/HH05 4L035/HH10 4L035/LA01 4L035/LA04 4L035/MA01 4L035/MA10 4L047 4L047/AA14 4L047/AA29 4L047/CC04 4L047/CC05

JP F-Index: C08J5/18 C08K5/00 C08L101/00 C08L23/02 C08L83/04 C08L83/04 D01F1/10 D04H1/56

JP Facet: CES LSY

**Family:**

Publication number	Publication date	Application number	Application date
AT172482 E	19981115	AT19890106457T	19890412
AU198932704 A1	19891019	AU19890032704	19890412
AU630346 B2	19921029	AU19890032704	19890412
CA1339509 A1	19971021	CA19890596654	19890413
DE68928836 D1	19981126	DE19896028836	19890412
DE68928836 T2	19990311	DE19896028836T	19890412
EP0338393 A2	19891025	EP19890106457	19890412
EP0338393 A3	19920304	EP19890106457	19890412
EP0338393 B1	19981021	EP19890106457	19890412
ES2123491 T3	19990116	ES19890106457T	19890412
JP2043268 A2	19900213	JP19890096197	19890414
JP3105219 B2	20001030	JP19890096197	19890414
KR0134626 B1	19980420	KR19890004955	19890414
KR0134667 B1	19980420	KR19970036438	19970731
KR19900016383 A	19901113	KR19890004955	19890414
US4920168 A	19900424	US19880181352	19880414
US4923914 A	19900508	US19880181359	19880414
US5057262 A	19911015	US19900466556	19900117
US5120888 A	19920609	US19910720569	19910625

Priority:

US19880181352 19880414 US19880181359 19880414 CA19890596654 19890413
US19900466556 19900117 US19910720569 19910625

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Agent(s): SPRUSON AND FERGUSON; ASPEN PHARMA PTY LTD; BORDEN LADNER GERVAIS LLP

Designated states: AT BE CH DE ES FR GB GR IT LI LU NL SE

Title: **ABSORBENT** ARTICLE INCLUDING A CALCIUM-BASED FECES MODIFICATION AGENT

Abstract: An **absorbent** article adapted to receive feces having a first waist region, a second waist region opposed to the first waist region and the second waist region. The **absorbent** article includes a liquid pervious topsheet, a liquid impervious backsheet joined to at least a portion of the topsheet, an **absorbent** core disposed between at least a portion of the topsheet and the backsheet and an effective amount of a calcium-bases feces modifying agent disposed in the article such that the feces modifying agent is available to contact at least a portion of the feces.

Classifications:

International (IPC 8-9): A61F13/15 A61F13/472 A61F13/49 A61F5/44 A61F5/441 A61L15/18 A61L15/20 A61L15/42 (Advanced/Invention);

A61F5/44 A61F5/441 A61L15/18 (Advanced/Non-invention);

A61F13/15 A61F5/44 A61F5/441 A61L15/16 (Core/Invention)

International (IPC 1-7): A61F13/15 A61F13/472 A61F13/49 A61F5/44 A61F5/441 A61L15/18 A61L15/62

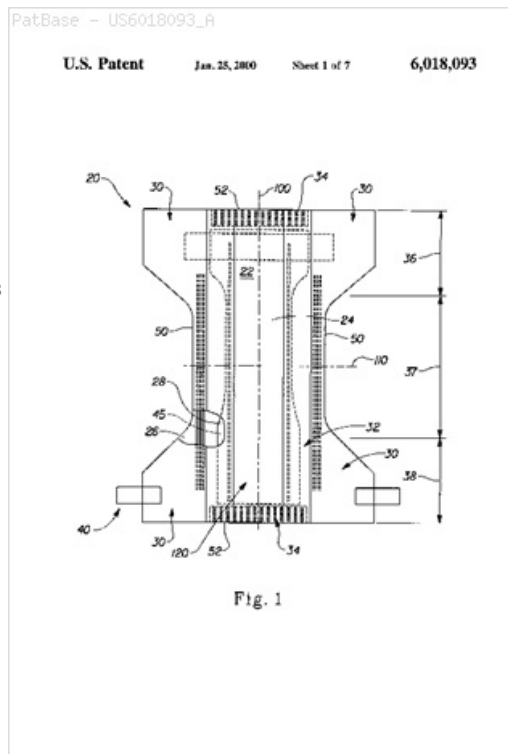
CPC: A61F13/15 A61F13/495 A61L15/18

European: A61F13/495 A61L15/18

US: 604/364 604/367 604/368

JP F-Term: 3B029 3B029/BA11 3B029/BD21 3B200 3B200/AA01 3B200/AA03 3B200/BB21 3B200/BB24 3B200/BB26 3B200/CA01 3B200/DA14 3B200/DB20 3B200/DB27 3B200/DF01 4C003 4C003/AA30 4C003/HA00 4C098 4C098/AA09 4C098/CC02 4C098/CC03 4C098/CC08 4C098/CC10 4C098/CC14 4C098/CD01 4C098/CD09 4C098/CD10 4C098/CE06 4C098/DD03 4C098/DD05 4C098/DD07 4C098/DD12 4C098/DD14 4C098/DD16 4C098/DD23

JP F-Index: A41B13/02/A A61F13/15/148 A61F13/18/B A61F13/18/Z A61F5/44/D A61F5/441



Family:

Publication number	Publication date	Application number	Application date
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AU199948426 A1	20000117	AU19990048426	19990629
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BRPI9911455 A	20010320	BR1999P111455	19990629
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CN1311697 A	20010905	CN1998009092	19990629
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HU0105002 AB	20020429	HU20010005002	19990629
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TR200003815 T2	20010621	TR20000003815T	19990629
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WO0000227 A1	20000106	WO1999US14681	19990629
ZA200007363 A	20020311	ZA20000007363	20001211

Priority:

US19980106222 19980629 WO1999US14681 19990629

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DONALD C ; ROE DONALD CARROLL ; SERGEY PAVLOV

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NOVOSHILOVA A ; LOGATCHEV D N PAVLOV S ; GAVRILENKO K ; C C AHR ; DIMITRY LOGATCHEV ; BUROV
L NOVOSHILOVA A

Agent(s): SIM AND MCBURNEY; HARNECKER

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 LI 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: Ion-sensitive, water-dispersible polymers, a method of making same and items using same

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

Classifications:

International (IPC 8-9): A61F13/15 A61F13/49 A61F13/53 A61F13/551 A61F5/44 A61L15/52 A61L15/62 C08F20/04 C08F20/06 C08F212/14 C08F220/06 C08F220/18 C08F220/58 D04H1/00 D04H1/58 D04H1/60 D04H1/64 D04H13/00 D06M15/263 D06M15/285 (Advanced/Invention); C08F20/06 (Advanced/Non-invention); A61F13/15 A61F5/44 C08F20/00 C08F220/00 D04H1/58 D06M15/21 (Core/Invention)

International (IPC 1-7): A61F13/15 A61F13/49 A61F13/53 A61F13/551 A61F5/44 C08F130/04 C08F20/04 C08F20/06 C08F220/06 C08G20/04 D04H1/00 D04H1/58 D04H1/60 D04H1/64 D06M15/263 D06M15/285

CPC: A61Q19/00 A61K8/8158 C08F20/04

European: A61K8/81K6 A61Q19/00 C08F20/04

US: 525/328.5 525/367 525/369 526/240

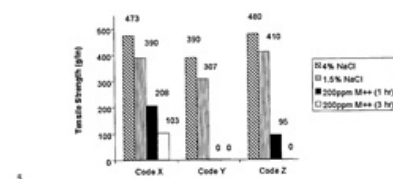
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JP F-Index: A41B13/02/D A41B13/02/M A61F13/15/110 A61F13/18/383 A61F13/511/300 A61F13/53/300 A61F5/44/H C08F220/06 C08F220/18 C08F220/58 D04H1/58/A D04H1/587 D06M15/263 D06M15/285

PatBase - US6683143_BA

U.S. Patent Jan. 27, 2004 Sheet 1 of 3 US 6,683,143 B1

Figure 1: CDWT (in 1.5% and 4.0% NaCl) and soaked CD tensiles (1 and 3 hour soak in hard water) for NaAMPS-SSB-Dur-O-Set RB-based basesheets



Family:

Publication number	Publication date	Application number	Application date
AR028413 AA	20030507	AR2001P102131	20010504
AU2001259437 AA	20011112	AU20010259437	20010503
BRPI0110588 A	20040217	BR2001PI10588	20010503
CA2405736 AA	20021011	CA20012405736	20010503
CA2405736 C	20100720	CA20012405736	20010503
CL2001001019 A1	20020322	CL20010001019	20010504
CN1187378 C	20050202	CN20018008975	20010503
CN1444607 A	20030924	CN20018008975	20010503
EP1280835 A1	20030205	EP20010932958	20010503
JP2003532754 T2	20031105	JP20010580197T	20010503
JP5062935 B2	20121031	JP20010580197T	20010503
KR100807892 B1	20080227	KR20027014738	20010503
KR20020091268 A	20021205	KR20027014738	20010503
MXPA02010712 A1	20030310	MX2002PA10712	20010503
TWI233441 B	20050601	TW20010110569	20010503
US6683143 BA	20040127	US20000564449	20000504
WO0183572 A1	20011108	WO2001US14331	20010503

Priority:

US20000564449 20000504 WO2001US14331 20010503 KR20027014738 20021102
WO2001US14331 20021102

Probable Assignee: KIMBERLY CLARK CORP

Assignee(s): (std): KIMBERLY CLARK CO ; KIMBERLY CLARK CORP ; KIMBERLY CLARK WORLDWIDE INC

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Agent(s): SPRUSON AND FERGUSON; BORDEN LADNER GERVAIS LLP; PORZIO

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 CR CU CY CZ DE DK DM DZ
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LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ
TM TR TT TZ UA UG UZ VN YU ZA ZW

Title: PRODUCTS COMPRISING A SHEET AND A LIPID AND AQUEOUS PHASE

Abstract: This invention concerns products for cleansing and other applications that comprise a sheet of **absorbent** material, in particular of **non-woven** material, such as a wipe, to which are applied a lipid and an aqueous phase. The invention further concerns the manufacture and use of such products.

Classifications:

International (IPC 8-9): A61F13/15 A61K8/00 A61K8/02 A61K8/06 A61K8/30 A61K8/31 A61K8/34 A61K8/36 A61K8/37 A61K8/92 A61K9/70 A61L15/00 A61Q19/00 A61Q19/10 C11D1/66 C11D17/04 C11D3/20 C11D7/26 (Advanced/Invention); A61K8/30 A61K8/92 A61Q19/10 (Core/Invention)

International (IPC 1-7): A61F13/15 A61K7/00 A61K7/48 A61K7/50 A61L15/00 C11D17/04

CPC: Y10T428/31504 A61K8/0208 A61K8/342 A61K8/375 A61Q19/00 C11D1/667 C11D3/201 C11D3/2013 C11D3/2093 C11D7/261 C11D7/262 C11D7/266 C11D17/049 Y10T428/249997 A61Q19/10

European: A61K8/02C A61K8/34C A61K8/37C A61Q19/00 A61Q19/10 C11D1/66E C11D17/04F C11D3/20B1A C11D3/20B1A2 C11D3/20F C11D7/26A C11D7/26A2 C11D7/26F

US: 428/321.5 428/411.1

JP F-Term: 4C083/AC083/AB43/2 4C083/AC02/1 4C083/AC02/2 4C083/AC07/1 4C083/AC07/2 4C083/AC11/2 4C083/AC12/2 4C083/AC17/1 4C083/AC17/2 4C083/AC18/2 4C083/AC21/2 4C083/AC24/1 4C083/AC30/2 4C083/AC34/2 4C083/AC39/1 4C083/AC39/2 4C083/AC44/2 4C083/AC53/2 4C083/AC64/2 4C083/AC71/2 4C083/AC85/2 4C083/AD02/2 4C083/AD04/2 4C083/AD15/2 4C083/AD17/2 4C083/AD20/2 4C083/AD24/2 4C083/AD39/2 4C083/AD66/2 4C083/BB05 4C083/BB06 4C083/BB46 4C083/BB48 4C083/CC17 4C083/CC24 4C083/DD12

JP F-Index: A61K7/00/C A61K7/00/N A61K7/48 A61K7/50 A61K8/00 A61K8/06 A61K8/30 A61K8/31 A61K8/34 A61K8/36 A61K8/37 A61Q19/00 A61Q19/10

Family:

Publication number	Publication date	Application number	Application date
AU2002328924 AA	20030129	AU20020328924	20020712
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BRPI0211143 A	20040629	BR2002PI11143	20020712
CA2454065 AA	20040310	CA20022454065	20020712
CN1264496 C	20060719	CN20028014004	20020712
CN1529583 A	20040915	CN20028014004	20020712
CN1875912 A	20061213	CN200610084129	20020712
EP1275370 A1	20030115	EP20010202691	20010713
EP1408927 A1	20040421	EP20020764731	20020712
EP1757261 A2	20070228	EP20060025888	20020712
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IN02061DN2003 A	20060120	IN2003DN02061	20031202
JP2004536117 T2	20041202	JP20030511790T	20020712
KR100585953 B1	20060607	KR20037014181	20020712
KR20040030606 A	20040409	KR20037014181	20020712
MXPA04000365 A1	20050907	MX2004PA00365	20020712
US2005031847 AA	20050210	US20020483633	20020712
WO03005982 A1	20030123	WO2002EP08038	20020712

Priority:

EP20010202691 20010713 EP20011202691 20010713 EP20060025888 20020712
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Assignee(s): ISSBERNER ULRICH ; JACKWERTH BETTINA ; LEONARD MARK ; MARTENS NICHOLAS ; ANSMANN ACHIM

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Inventor(s): MATHIAS HAUSER ; HAUSER MATTHIAS MARTENS NICOLAS A ANSMAN B ESBENERD B JAKVIS LEONARD MARK ; HAUSER MATTHIAS MARTENS NICOLAS A ANSMAN B ESBENER ; BETTINA JACKWERTH ; ACHIM ANSMANN ; MATTHIAS HAUSER ; ULRICH ISSBERNER ; NICOLAS MARTENS ; M HAUSER N MARTENS A ANSMAN ; HAUSER MATTHIAS MARTENS NICOLAS A ANSMAN B

Agent(s): SHELSTON IP; SHELSTON IP PTY LTD; GOWLING LAFLEUR HENDERSON LLP; METTEN KARL HEINZ ET AL; PHILIP S JOHNSON JOHNSON AND JOHNSON

Designated states: AE AG AL AM AT AU AZ BA BB BE BG BR BY BZ CA CH CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GB GD GE GH GM GR 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 MN MW MX MZ NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

Abstract: The present invention relates to compositions and **absorbent** articles including compositions for protecting and enhancing the barrier function of the skin. The compositions can be applied to the bodyfacing surfaces of **absorbent** articles so that the compositions come into contact with the skin. The compositions of the invention have improved stability on the bodyfacing surfaces after processing. The compositions of the invention provide several benefits including prevention and alleviation of skin irritations associated with the use of **absorbent** articles. The compositions can include hydrophilic solvents, high molecular weight polyethylene glycols, fatty alcohols, surfactants, natural fats, natural oils, sterols or sterol derivatives and emollients.

PatBase - US6756520_BA

US: 604/359 604/360 604/367



Priority:

Probable Assignee: KIMBERLY CLARK CORP

Assignee(s): (std): KIMBERLY CLARK CO

Assignee(s): KIMBERLY CLARK CORP ; KIMBERLY CLARK WORLDWIDE INC

Inventor(s): (std): BROCK EARL DAVID ; EARL DAVID BROCK ; KRZYSIK DUANE GERARD ; LANGE BETH ANNE ; NELSON BRENDA MARIE ; OTTS DAVID ROLAND ; TATE MARTHA LILLIAN

Title: DRY PRODUCTS COMPRISING A SHEET AND TWO PHASES**Abstract:** This invention concerns products for cleansing and other applications, which products comprise a sheet of **absorbent** material, in particular of a **non-woven** material, such as a wipe, to which a lipid and aqueous phase have been applied and which products have been dried afterwards. The invention further concerns the manufacture and use of such products.**Classifications:****International (IPC 8-9):** A01N25/34 A01N47/12 A47K7/00 A61F13/15 A61K8/00 A61K8/02 A61K8/34 A61K8/36 A61K8/362 A61K8/37 A61K8/92 A61K8/97 A61L15/00 A61L15/20 A61L15/44 A61L15/46 A61Q1/00 A61Q1/02 A61Q15/00 A61Q17/00 A61Q17/02 A61Q17/04 A61Q19/00 A61Q19/10 C11D17/04 C11D3/20 C11D7/26 D06M13/144 D06M13/165

D06M13/224 (Advanced/Invention);

A61F13/15 C11D1/68 (Advanced/Non-invention);

A61K8/30 A61K8/92 A61Q19/10 (Core/Invention)

International (IPC 1-7): A01N25/34 A01N47/12 A61F13/15 A61K7/00 A61K7/021 A61K7/32 A61K7/40 A61K7/42 A61K7/48 A61K7/50 A61K8/02 A61L15/00 A61Q19/00 A61Q19/10 B32B3/00 B32B5/02 B32B9/00 C11D17/04 C11D7/26 D06M13/144 D06M13/224**CPC:** Y10T442/20 Y10T442/2525 Y10T442/2533 Y10T442/2541 A61K8/342 A61K8/02 A61K8/0208 A61K8/375 A61K2800/31 A61Q19/00 C11D3/2079 C11D17/049 A61Q19/10**European:** A61K8/02 A61K8/02C A61K8/34C A61K8/37C A61Q19/00 A61Q19/10 C11D17/04F C11D3/20E1 K61K201/19 K61K800/31 M11D1/68**US:** 427/372.2 427/372.200S 427/384 427/384S 427/389.9 427/389.900S 427/393.1 427/393.100S 427/394 427/394S 442/123 442/123S 442/124 442/124S 442/125 442/125S 442/59 442/59P**JP F-Term:** 2D034 2D134 4C083 4C083/AA11 4C083/AA12 4C083/AB17 4C083/AB24 4C083/AB43 4C083/AC02 4C083/AC07 4C083/AC11 4C083/AC12 4C083/AC17 4C083/AC18 4C083/AC24 4C083/AC29 4C083/AC30 4C083/AC34 4C083/AC35 4C083/AC40 4C083/AC42 4C083/AC43 4C083/AC44 4C083/AC47 4C083/AC53 4C083/AC55 4C083/AC64 4C083/AC68 4C083/AC69 4C083/AC71 4C083/AC78 4C083/AC84 4C083/AC91 4C083/AD02 4C083/AD16 4C083/AD17 4C083/AD20 4C083/AD24 4C083/AD51 4C083/AD53 4C083/AD66 4C083/BB11 4C083/BB21 4C083/BB31 4C083/BB33 4C083/BB34 4C083/BB35 4C083/BB41 4C083/BB47 4C083/CC01 4C083/CC02 4C083/CC11 4C083/CC17 4C083/CC19 4C083/CC20 4C083/CC24 4C083/DD12 4C083/EE11 4C083/EE12 4C083/EE13 4C083/EE17 4C083/EE18 4H003 4H003/AB02 4H003/BA22 4H003/DA02 4H003/DC04 4H003/EB04 4H003/EB09 4H003/ED02 4H011 4H011/AA01 4H011/BA01 4H011/BA05 4H011/BB13 4H011/BC03 4H011/BC06 4H011/BC10 4H011/BC18 4H011/BC19 4H011/DA07 4H011/DH03 4H011/DH16 4L033 4L033/AB07 4L033/AC07 4L033/AC10 4L033/AC15 4L033/BA11 4L033/BA21**JP F-Index:** A01N25/34/A A01N47/12/Z A47K7/00/C A47K7/00/F A47K7/00/G A61K7/00/W A61K7/021 A61K7/32 A61K7/40 A61K7/42 A61K7/50 A61K8/00 A61K8/34 A61K8/36 A61K8/362 A61K8/37 A61K8/92 A61K8/97 A61K8/9789 A61K8/9794 A61Q1/00 A61Q1/02 A61Q15/00 A61Q17/00 A61Q17/02 A61Q17/04 A61Q19/10 C11D17/04 C11D7/26 D06M13/144 D06M13/165 D06M13/224**Family:**

Publication number	Publication date	Application number	Application date
AT353006 E	20070215	AT20020754906T	20020712
AU2002321237 AA	20030129	AU20020321237	20020712
AU2002321237 BB	20071018	AU20020321237	20020712
BRPI0211222 A	20040810	BR2002PI11222	20020712
CA2456062 AA	20040318	CA20022456062	20020712
CN1527695 A	20040908	CN20028013997	20020712
DE60217966 D1	20070322	DE20026017966	20020712
DE60217966 D1	20070322	DE20026017966T	20020712
DE60217966 T2	20071115	DE20026017966T	20020712
EP1275371 A1	20030115	EP20010202692	20010713
EP1408926 A1	20040421	EP20020754906	20020712
EP1408926 B1	20070131	EP20020754906	20020712
EP1867317 A2	20071219	EP20060025780	20020712
EP1867317 A3	20080213	EP20060025780	20020712
ES2281534 T3	20071001	ES20020754906T	20020712
IN02063DN2003 A	20060120	IN2003DN02063	20031202
IN240788 B	20100604	IN2003DN02063	20031202
JP2005508452 T2	20050331	JP20030511791T	20020712
JP4411066 B2	20100210	JP20030511791T	20020712
KR100585949 B1	20060607	KR20037014182	20020712
KR20040030607 A	20040409	KR20037014182	20020712
MXPA04000361 A1	20050907	MX2004PA00361	20020712
US2005048856 AA	20050303	US20020483616	20020712
WO03005983 A1	20030123	WO2002EP08039	20020712

Priority:EP20010202692 20010713 EP20011202692 20010713 EP20060025780 20020712
WO2002EP08039 20020712 EP20020754906 20020712**Probable Assignee:** JOHNSON AND JOHNSON GMBH**Assignee(s):** (std): HAUSER MATTHIAS ; ISSBERNER ULRICH ; JOHNSON AND JOHNSON GMBH ; MARTENS NICOLAS ; JACKWERTH BETTINA ; LEONARD MARK ; ANSMANN ACHIM**Assignee(s):** COGNIS DEUTSCHLAND GMBH AND CO KG**Inventor(s):** (std): HAUSER M ; HAUSER MATTHIAS ; ISSBERNER ULRICH ; JACKWERTH BETTINA ; LEONARD MARK ; M HAUSER ; MARK LEONARD ; MARTENS N ; MARTENS NICOLAS ; A ANSMAN ; ANSMAN A ; ANSMANN ACHIM ; N MARTENS**Inventor(s):** NICOLAS MARTENS ; ULRICH ISSBERNER ; BETTINA JACKWERTH ; ACHIM ANSMANN ; MATTHIAS HAUSER**Agent(s):** SHELSTON IP; SHELSTON IP PTY LTD; GOWLING LAFLEUR HENDERSON LLP; METTEN KARL HEINZ ET AL; PHILIP S JOHNSON JOHNSON AND JOHNSON**Designated states:** AE AG AL AM AT AU AZ BA BB BE BG BR BY BZ CA CH CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GB GD GE GH GM GR 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

MN MW MX MZ NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA
ZM ZW

Title: SYNTHETIC FABRICS, COMPONENTS THEREOF, AND METHODS FOR MAKING THE SAME

Abstract: Provided are fabrics, components thereof, and methods for making the same. Woven and **nonwoven** fabrics are composed of fibers composed of a polyolefin composition. The polyolefin composition is composed of a propylene polymer and up to about 50 weight percent, based on the weight of the fiber, of a hydrocarbon resin. Fibers prepared from polyolefin compositions exhibit favorable elongation properties. Such fibers exhibit advantageous processing and enhanced levels of softness, durability, and elasticity, even at high spinning speeds required for preparing fine fibers.

Classifications:

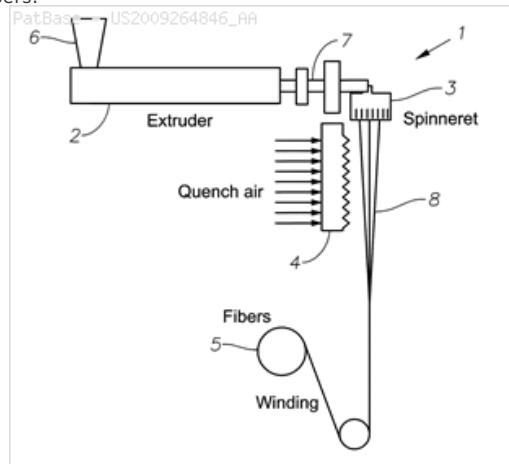
International (IPC 8-9): A61F13/15 C08L23/04 C08L23/10 C08L23/12 D03D25/00 D04H13/00 (Advanced/Invention);

A61F13/15 C08L23/00 D03D25/00 D04H13/00 (Core/Invention)

CPC: Y10T442/3146 Y10T442/637 C08L23/12 C08L23/142 C08L57/02 C08L2203/12

European: C08L23/12 M08L203/12 M08L23/14A M08L57/02

US: 442/199 442/199S 442/361 442/361S 525/191 525/240 525/240S 604/358 604/358S 604/367 604/367P



Family:

Publication number	Publication date	Application number	Application date
CN101998975 A	20110330	CN200980112842	20090313
DE602009013671 D1	20130425	DE200960013671T	20090313
EP2288656 A1	20110302	EP20090731809	20090313
EP2288656 B1	20130227	EP20090731809	20090313
ES2405809 T3	20130603	ES20090731809T	20090313
US2009264846 AA	20091022	US20080105986	20080418
US7985802 BB	20110726	US20080105986	20080418
WO09129006 A1	20091022	WO2009US37053	20090313

Priority:

US20080105986 20080418 EP20090731809 20090313 WO2009US37053 20090313

Probable Assignee: EXXON MOBIL CORP

Assignee(s): (std): CHENG CHIA Y ; CHIEN WILLIAM M ; EXXONMOBIL CHEM PATENTS INC ; FERRY WILLIAM M

Assignee(s): EXXONMOBIL CHEMICAL PATENTS INC BAYTOWN ; EXXONMOBIL CHEMICAL PATENTS INC ; EXXON MOBIL CORP

Inventor(s): (std): CHIEN WILLIAM M ; CHENG CHIA Y ; FERRY WILLIAM M ; FERRY WILLIAM ; CHENG CHIA ; CHIEN WILLIAM

Agent(s): UEXKUELL AND STOLBERG; POLS RONALD MAARTEN; Pols Ronald Maarten; DE ELZABURU ALBERTO; EXXONMOBIL CHEMICAL COMPANY; EXXONMOBIL CHEMICAL CO; BOONE ANTHONY G

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 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 PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: SECONDARY LOTIONED ARTICLE

Abstract: A disposable secondary article includes a liquid-permeable substrate that has a garment-facing surface and a body-facing surface. A lotion is applied to the body-facing surface of the liquid-permeable substrate. The secondary article optionally includes an attachment means for attaching the secondary **absorbent** article to a primary **absorbent** article. Additionally, the secondary article optionally includes a cover to protect the lotion until just prior to use. The secondary article provides a caregiver or wearer an alternative to applying lotions by hand.

Classifications:

International (IPC 8-9): A61F13/00 A61F13/15 A61F13/505 A61F13/51 A61F13/511 A61F13/60 A61F13/84 A61L9/00

A61L9/04 (Advanced/Invention);

A61F13/00 A61F13/15 A61F13/51 A61F13/511 (Advanced/Non-invention); A61F13/15 A61F13/56 A61L9/00 A61L9/04 (Core/Invention)

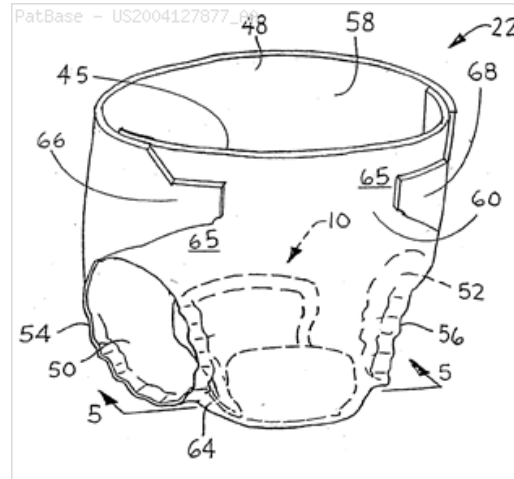
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CPC: A61F13/51113 A61F13/505 A61F13/8405 A61F13/511

European: A61F13/505 A61F13/511 A61F13/84B

US: 424/76.1 424/76.4 604/359 604/360 604/367 604/385.03

604/385.030P 604/385.05 604/385.050P 604/385.06 604/385.060S



Family:

Publication number	Publication date	Application number	Application date
AR040423 AA	20050406	AR2003P102435	20030704
AT552807 E	20120415	AT20030731204T	20030514
AU2003241468 AA	20040729	AU20030241468	20030514
DE60340574 D1	20120606	DE20036040574	20030514
EP1578324 A1	20050928	EP20030731204	20030514
EP1578324 B1	20120411	EP20030731204	20030514
EP1578324 B2	20150805	EP20030731204	20030514
KR101057857 B1	20110819	KR20057010960	20030514
KR20050090397 A	20050913	KR20057010960	20030514
MXPA05006396 A1	20050819	MX2005PA06396	20030514
US2004127877 AA	20040701	US20020335556	20021231
US2009118693 AA	20090507	US20090349749	20090107
US7491863 BB	20090217	US20020335556	20021231
WO04060224 A1	20040722	WO2003US15353	20030514

Priority:

US20020335556 20021231 EP20030731204 20030514 WO2003US15353 20030514
US20090349749 20090107

Probable Assignee: KIMBERLY CLARK CORP

Assignee(s): (std): KIMBERLY CLARK CO ; KIMBERLY CLARK CORP ; LEMERANDE LINDA K ; ODORZYNSKI THOMAS W

Assignee(s): KIMBERLY CLARK WORLDWIDE INC ; KIMBERLY CLARK WORLDWIDE INC NEENAH

Inventor(s): (std): LINDA K LEMERANDE ; ODORZYNSKI THOMAS ; ODORZYNSKI THOMAS W ; LEMERANDE LINDA ; LEMERANDE LINDA K

Inventor(s): LEMERANDE LINDA K WAUPACA ; ODORZYNSKI THOMAS W GREEN BAY ; THOMAS W ODORZYNSKI

Agent(s): ZIMMERMANN AND PARTNER PATENTANWALTE MBB; DAVIES CHRISTOPHER ROBERT; SHANE RICHARD M; RICHARD M

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 NI 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 UZ VC VN YU ZA ZM ZW

Title: WIPES INCLUDING MICROENCAPSULATED DELIVERY VEHICLES AND PROCESSES OF PRODUCING THE SAME

Abstract: Microencapsulated delivery vehicles comprising an active agent are disclosed. In one embodiment, the microencapsulated delivery vehicles are heat delivery vehicles capable of generating heat upon activation. The microencapsulated heat delivery vehicles may be introduced into wet wipes such that, upon activation, the wet wipe solution is warmed resulting in a warm sensation on a user's skin. Any number of other active ingredients, such as cooling agents and biocides, can also be incorporated into a microencapsulated delivery vehicle.

Classifications:

International (IPC 8-9): A61F7/03 A61K8/02 A61K8/11 A61K8/20 A61K8/22 A61K8/73 A61Q19/10 B32B15/02 B32B19/00 B32B5/16 B32B9/00 C09K3/18 C09K5/18 D04H1/00 D04H1/46 F24J1/00 F24V30/00 F28D15/00 (Advanced/Invention);

A61F7/02 A61K8/00 A61K8/02 A61K8/11 A61K8/19 A61K8/72 A61Q19/00 A61Q19/10 B32B15/02 B32B19/00 B32B5/16 B32B9/00 C09K3/18 C09K5/00 D04H1/00 D04H1/46 F24J1/00 F28D15/00 (Core/Invention)

CPC: Y10T428/29 Y10T428/2982 Y10T428/2984 Y10T428/2987

Y10T428/2991 Y10T428/2998 A61K8/0208 A61K2800/242 A61K2800/412

A61Q19/00 Y10T442/689 Y10T442/699 A61K8/11 F24V30/00 C09K5/18

European: A61K8/02C A61K8/11 A61K8/11C A61Q19/00 C09K5/18

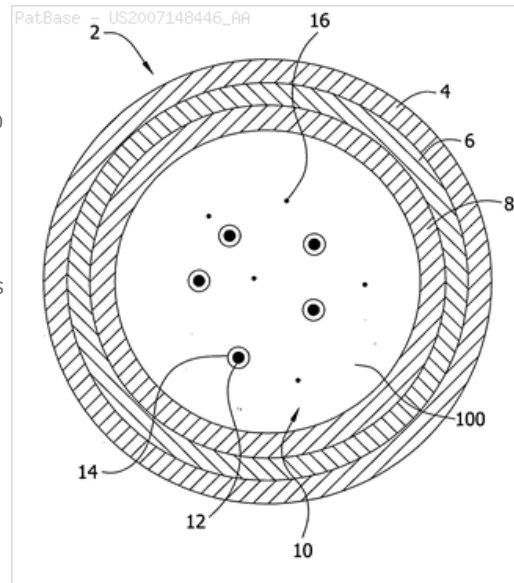
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US: 165/104.15 165/104.150S 165/104.19 165/104.190S 252/70 252/70S

428/357 428/357P 428/402 428/402.2 428/402.200S 428/402.22

428/402.220S 428/402S 428/403 428/403S 428/407 428/407S 442/408

442/408S 442/417 442/417S



Family:

Publication number	Publication date	Application number	Application date
AU2006333485 AA	20070712	AU20060333485	20061026
BRPI0621275 A2	20111206	BR2006PI21275	20061026
EP1978915 A1	20081015	EP20060836585	20061026
KR20080090475 A	20081008	KR20087018452	20061026
MX2008008399 A1	20090304	MX20080008399	20061026
US2007148446 AA	20070628	US20050319881	20051228
WO07078393 A1	20070712	WO2006US42050	20061026

Priority:

US20050319881 20051228 WO2006US42050 20061026

Probable Assignee: KIMBERLY CLARK CORP

Assignee(s): (std): KIMBERLY CLARK CO ; DALEY MICHAEL ALLEN ; LAFLEUR III HAL ARTHUR ; DRATH DAVID J ; MUSIL DAVID CHARLES ; JOSEPH WAELE R ; KRZYSIK DUANE G ; HENDRICKSON WILLIAM A ; KIMBERLY CLARK CORP ; WRIGHT ALAN EDWARD ; SHELLEY JEFFREY DAVID ; ABUTO FRANK P ; AMUNDSON JOHN DAVID ; ARGO BRIAN PATRICK ; BROWN LARRY E

Assignee(s): KIMBERLY CLARK WORLDWIDE INC ; AVEKA INC

Inventor(s): (std): ABUTO FRANK P ; AMUNDSON JOHN D ; AMUNDSON JOHN DAVID ; ARGO BRIAN P ; ARGO BRIAN PATRICK ; DALEY MICHAEL A ; DALEY MICHAEL ALLEN ; DRATH DAVID J ; HENDRICKSON WILLIAM A ; BROWN LARRY E ; JOSEPH WAELE R ; KRZYSIK DUANE G ; LAFLEUR HAL A III ; LAFLEUR HAL ARTHUR III ; LAFLEUR III HAL ARTHUR ; SHELLEY JEFFREY D ; SHELLEY JEFFREY DAVID ; WRIGHT ALAN E ; WRIGHT ALAN EDWARD ; MUSIL DAVID C ; MUSIL DAVID CHARLES ; JOSEPH WAELE RAFAT ; ABUTO FRANK PAUL

Inventor(s): LAFLEUR HAL ARTHUR ; ABUTO FRANK ; FRANK PAUL ABUTO ; SHELLEY JEFFREY ; WAELE RAFAT JOSEPH ; MICHAEL A DALEY ; WAELE R JOSEPH ; WILLIAM A HENDRICKSON ; WRIGHT ALAN ; LARRY E BROWN ; MICHAEL ALLEN DALEY ; MUSIL DAVID ; LAFLEUR HAL A III ; LAFLEUR HAL ; KRZYSIK DUANE ; DALEY MICHAEL ; JEFFREY DAVID SHELLEY ; JOHN DAVID AMUNDSON ; JOSEPH WAELE ; DUANE G KRZYSIK ; FRANK P ABUTO ; HAL ARTHUR LAFLEUR III ; HENDRICKSON WILLIAM ; DAVID CHARLES MUSIL ; DAVID J DRATH ; DRATH DAVID ; BRIAN PATRICK ARGO ; BROWN LARRY ; ARGO BRIAN ; ALAN EDWARD WRIGHT ; AMUNDSON JOHN

Agent(s): SPRUSON AND FERGUSON; DAVIES CHRISTOPHER ROBERT ET AL; SENNIGER POWERS (KCC); SENNIGER POWERS KCC

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 GT HW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: WIPES INCLUDING MICROENCAPSULATED DELIVERY VEHICLES AND PHASE CHANGE MATERIALS

Abstract: Microencapsulated delivery vehicles comprising an active agent are disclosed. In one embodiment, the microencapsulated delivery vehicles are heat delivery vehicles capable of generating heat upon activation. The microencapsulated heat delivery vehicles may be introduced into wet wipes such that, upon activation, the wet wipe solution is warmed resulting in a warm sensation on a user's skin. Any number of other active ingredients, such as cooling agents and biocides, can also be incorporated into a microencapsulated delivery vehicle.

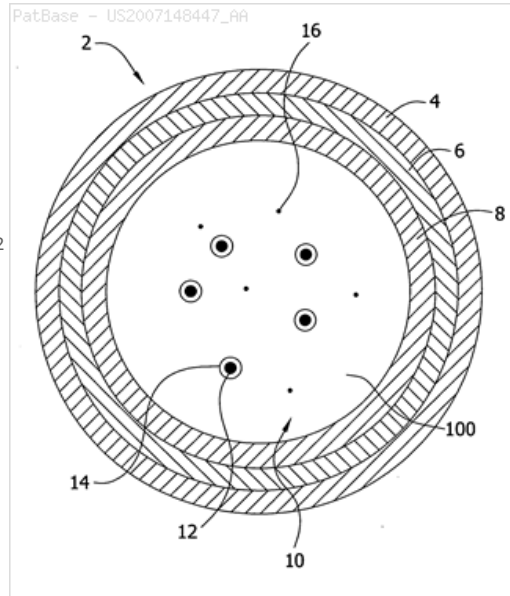
Classifications:

International (IPC 8-9): A61F7/03 A61K8/02 A61K8/11 A61K8/20 A61K8/22 A61K8/73 A61Q19/10 B32B15/02 B32B19/00 B32B33/00 B32B5/02 B32B5/16 B32B9/00 C09K3/18 C09K5/18 D04H1/00 D04H1/46 F24J1/00 F24V30/00 F28D15/00 (Advanced/Invention); A61F7/02 A61K8/02 A61K8/11 A61K8/19 A61K8/72 A61Q19/00 A61Q19/10 B32B15/00 B32B15/02 B32B19/00 B32B5/16 B32B9/00 C09K3/18 C09K5/00 D04H1/00 D04H1/46 F24J1/00 F28D15/00 (Core/Invention)

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European: A61K8/02C A61K8/11 A61K8/11C A61K8/73F A61K8/73H A61K8/81K4 A61K8/86 A61Q19/00 A61Q19/10 C09K5/18 F24J1/00 F28D20/02B K61K201/052 K61K800/242 K61K800/412 Y02E60/14D

US: 165/104.15 165/104.150 165/104.150S 165/104.19 165/104.190 165/104.190S 252/70 252/70S 428/357 428/357P 428/40.2 428/402 428/402.2 428/402.200 428/402.200S 428/402.21 428/402.22 428/402.220 428/402.220S 428/402.24 428/402S 428/403 428/403S 428/407 428/407S 442/408 442/408S 442/417 442/417S

**Family:**

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AU2006330094 AA	20070705	AU20060330094	20061026
AU2006330094 BB	20111222	AU20060330094	20061026
BRPI0620827 A2	20111122	BR2006PI20827	20061026
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KR20080080233 A	20080902	KR20087018447	20061026
MX2008008401 A1	20090304	MX2008008401	20061026
US2007148447 AA	20070628	US20050320363	20051228
US7914891 BB	20110329	US20050320363	20051228
WO07075216 A1	20070705	WO2006US41939	20061026

Priority:

US20050320363 20051228 WO2006US41939 20061026

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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 GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LY MA MC MD MG MK ML MN MR MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: MICROENCAPSULATED DELIVERY VEHICLES INCLUDING COOLING AGENTS

Abstract: Microencapsulated delivery vehicles comprising an active agent are disclosed. In one embodiment, the microencapsulated delivery vehicles are heat delivery vehicles capable of generating heat upon activation. The microencapsulated heat delivery vehicles may be introduced into wet wipes such that, upon activation, the wet wipe solution is warmed resulting in a warm sensation on a user's skin. Any number of other active ingredients, such as cooling agents and biocides, can also be incorporated into a microencapsulated delivery vehicle.

Classifications:

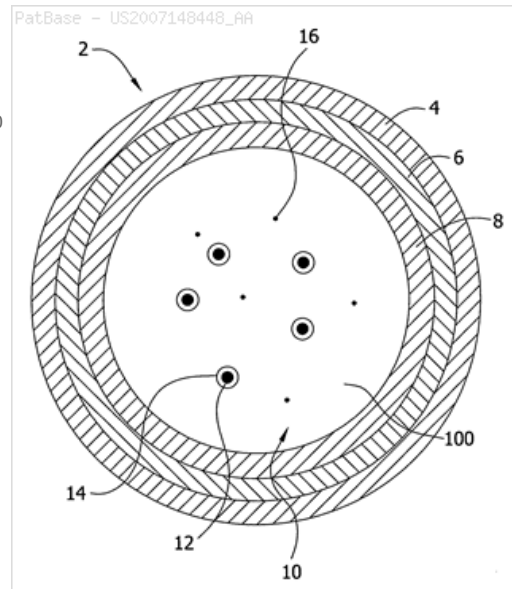
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A61F7/02 A61K8/02 A61K8/11 A61K8/19 A61K8/72 A61K9/50 A61Q19/00 B32B15/02 B32B19/00 B32B5/16 B32B9/00 C09K3/18 C09K5/00 D04H1/00 D04H1/46 F24J1/00 F24V30/00 F28D15/00 (Core/Invention)

CPC: Y10T428/29 Y10T428/2982 Y10T428/2984 Y10T428/2991 Y10T428/2998 A61K8/0208 A61K8/11 A61K2800/244 A61K2800/412 A61Q19/00 F28D20/023 Y02E60/145 Y10T442/689 Y10T442/699 C09K5/18 F24V30/00

European: A61K8/02C A61K8/11 A61K8/11C A61Q19/00 C09K5/18 F28D20/02B K61K201/054 K61K800/244 K61K800/412 R24J1/00 Y02E60/14D

US: 165/104.15 165/104.150 165/104.150S 165/104.19 165/104.190 165/104.190S 252/70 252/70S 428/357 428/357P 428/402 428/402.2 428/402.200 428/402.200S 428/402S 428/403 428/403S 428/407 428/407S 442/408 442/408S 442/417 442/417S



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WO07078362 A1	20070712	WO2006US38271	20060928

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