

Diego Gonzalez

1) Family number: 68162727 (US2018009600 AA)

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Title: SYSTEM OF PERSONAL CARE PRODUCTS FOR HUMAN DEVELOPMENTAL STAGES

Abstract: A system of personal care products including a first personal care product for a human at stage 1 of its life, the first personal care product including a package attribute and a formulation attribute designed for the human at stage 1 of life; a second personal care product for a baby at stage 2 of its life, the second personal care product including a package attribute and a formulation attribute designed for the human at stage 2 of life; and a third personal care product for a baby at stage 3 of its life, the third personal care product including a package attribute and a formulation attribute designed for the human at stage 3 of life.

Classifications:

International (IPC 8-9): A45D A45D34/00 A45D40/00 A45D44/00 B65D85/00

International (IPC 1-7): A45D34/00

CPC: A45D2034/007 A45D2040/0012 A45D2200/25 A45D34/00 A45D44/005 B65D85/70

US: 1/1 206/223

Family:

Publication number	Publication date	Application number	Application date
AU2017291679 AA	20190117	AU20170291679	20170503
BR112019000054 A2	20190402	BR20191100054	20170503
CA3029741 AA	20190102	CA20173029741	20170503
CN109451723 A	20190308	CN201780041645	20170503
CO20190000058 A2	20190118	CO20190000058	20190104
EP3481251 A1	20190515	EP20170723221	20170503
HK40005570 A1	20200508	HK20190129000	20190902
ID201902619 A	20190412	ID2019PID00070	20170503
IN201817048920 A	20190315	IN201817048920	20181224
KR20190025929 A	20190312	KR20197002366	20170503
MX2019000154 A1	20190530	MX20190000154	20170503
PH2019500033 A	20191028	PH20190500033	20190104
RU2019102937 A	20200805	RU20190102937	20170503
RU2019102937 A3	20200805	RU20190102937	20170503
US10556740 BB	20200211	US20170585388	20170503
US2018009600 AA	20180111	US20170585388	20170503
WO18009266 A1	20180111	WO2017US30806	20170503

Priority:

US20160358213P 20160705 WO2017US30806 20170503 RU20190102937 20170503
US20170585388 20170503

Probable Assignee: JOHNSON AND JOHNSON CONSUMER INC

Assignee(s): (std): JOHNSON AND JOHNSON CONSUMER COMPANIES INC ; JOHNSON AND JOHNSON CONSUMER INC

Assignee(s): ALVARADO SANDRINE ; BONNER PATRICIA ; JOHNSON AND JOHNSON SANTE BEAUTE FRANCE ; NIKOLOVSKI JANETA ; URISTA CARDENAS MARIA ; WAJIH HANAN ; ZUNINO HELENE

Inventor(s): (std): ALVARADO SANDRINE ; BONNER PATRICIA ; CARDENAS MARIA URISTA ; HANAN WAJIH ; HELENE ZUNINO ; JANETA NIKOLOVSKI ; MARIA URISTA CARDENAS ; NIKOLOVSKI JANETA ; PATRICIA BONNER ; SANDRINE ALVARADO ; URISTA CARDENAS MARIA ; WAJIH HANAN ; ZUNINO HELENE

Agent(s): DONNELLY LAURA A; DR TOETI HERATY N ROOSSENSO; KIRSCH SUSAN EDITH; SHANGHAI INTELLECTUAL PROPERTY OFFICE; SHELSTON IP PTY LTD; SHIRTZ JOSEPH F ET AL; SMART AND BIGGAR

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ 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 IR IS IT JP KE KG KH KM KN KP KR KW 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 PA PE PG PH PL PT QA RO RS RU RW SA 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

2) Family number: 32507032 (US2005279579 AA)

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Title: RETAIL DISPLAY PRODUCT COMBINATION AND METHODS

Abstract: A display and a method of displaying articles for sale in a mass retail environment. The method comprises displaying multiple product containers in an adjacent fashion, in a row, on a shelf, where each container includes the same brand display. The method further comprises including product containers having a common characteristic selected from the group consisting of fragrance, product color, container shape, container color and combinations thereof. The products include at least two product types selected from the group consisting of personal care products, home care products, and laundry care products.

Classifications:

International (IPC 8-9): A47F7/28 A61F13/15 E04H3/00

International (IPC 1-7): A61F13/15 E04H3/00

CPC: A47F7/28

US: 186/52

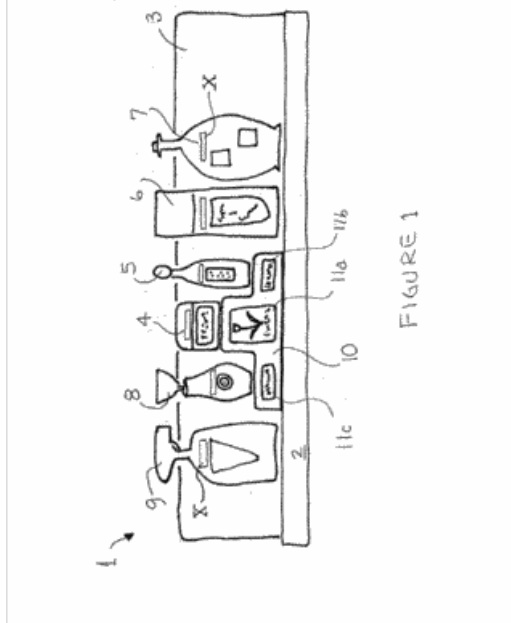


FIGURE 1

Family:

Publication number	Publication date	Application number	Application date
US2005279579 AA	20051222	US20040873919	20040622

Priority:

US20040873919 20040622

Probable Assignee: CLOROX CO**Assignee(s):** (std): MILK JEREMY I ; MILLER JENNIFER M ; SAVAGE GLENN R**Assignee(s):** CLOROX CO**Inventor(s):** (std): MILK JEREMY I ; MILLER JENNIFER M ; SAVAGE GLENN R**Agent(s):** THE CLOROX COMPANY**3) Family number: 54515344** (IN00229MU2012 A)

© PatBase

Title: MULTILAYER COATED BEADS USED IN PERSONAL CARE AND HOME CARE COMPOSITION

Abstract: The present invention relates personal care and home care composition, and comprising of multilayer coated beads suspended in an appropriate personal care and home care carrier. The beads are coated with one or more functional materials, wherein the functional material can be selected from vitamins, minerals, amino acids, extract and substances such as enzymes and metabolites, humectants, antimicrobial, antiacne, antiageing, antiwrinkle suitable colors, dyes and pigments, perfumes and/or mixture thereof. The carrier is such as hand, face, body wash creams, lotions, gels, liquid soaps, hard soap and such other personal care products. The bead can be of any size, shape, or color, according to the desired characteristic of the product.

Classifications:**International (IPC 8-9):** D01H5/86**Family:**

Publication number	Publication date	Application number	Application date
IN00229MU2012 A	20130809	IN2012MU00229	20120124

Probable Assignee: MR RAJKUMAR BUDHRAJA**Assignee(s):** MR RAJKUMAR BUDHRAJA ; MR UMANG BUDHRAJA**Inventor(s):** MR RAJKUMAR BUDHRAJA ; MR UMANG BUDHRAJA**4) Family number: 32087214** (US2005155618 AA)

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Title: A PERSONAL CARE CARD

Abstract: The present personal care card is comprised of a personal care card to be carried in a slot of a wallet. The card has a personal care tool enabling one of checking one's physiological condition, treating a condition, providing a survival utility and grooming one's self a relatively thin card having a front side, a back side and a peripheral edge, wherein the personal care tool is formed in one of the front side, the back side, and the peripheral edge, wherein the tool is formed as a separate and distinct part thereby enabling visual identification as the tool apart from the side and surface in which the tool is formed.

Classifications:

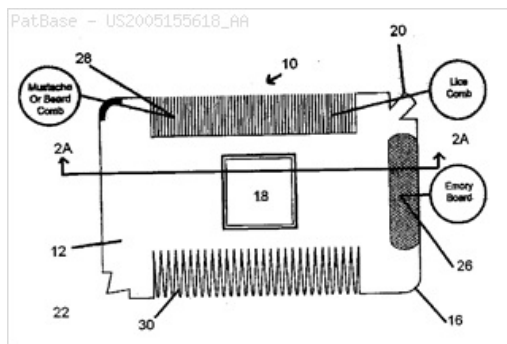
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International (IPC 1-7): A45D24/00 A45D40/18 A45D40/24

B65D69/00

CPC: A45C11/008 A45C11/24 A45D24/00 A45D24/20 A45D29/18
A45D34/06 A45D40/18 A45D42/00 G09F23/00

US: 132/104 132/148 132/286 132/316 132/317 206/235 206/38



Family:

Publication number	Publication date	Application number	Application date
US2005155618 AA	20050721	US20050905584	20050112

Priority:

US20040537495P 20040120 US20050905584 20050112

Probable Assignee: LAFFERTY PATRICK

Assignee(s): (std): LAFFERTY PATRICK

Inventor(s): (std): LAFFERTY PATRICK

Agent(s): A PATENT LAWYER CORP PC R WILLIAM GRAHAM; A PATENT LAWYER CORP PC, R WILLIAM GRAHAM

5) Family number: 14960764 (US6187728 BA)

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Title: SOLID PERSONAL CARE COMPOSITION HAVING FOAMED POLYMER SKIN AND SHAPE OF A FRUIT OR VEGETABLE

Abstract: A composite article comprising a solid cosmetic formulation core, preferably of transparent glycerin soap, and a foamed polymer skin, preferably a sponge. The solid soap-core is preferably formulated to mimic the meat of a fruit such as an orange. The sponge-skin is preferably formulated to mimic the skin appropriate to the meat, for example, an orange peel. At least the meat and preferably also the skin part includes dyes and fragrances to impart the color and smell of the fruit being imitated. The composite article is produced either by forming the soap core, coating a sponge forming polymeric composition onto the soap core, and foaming and curing the coating to form a sponge skin on the soap core, or by first forming a hollow foamed polymer shell, introducing liquefied soap into the shell, and hardening the soap.

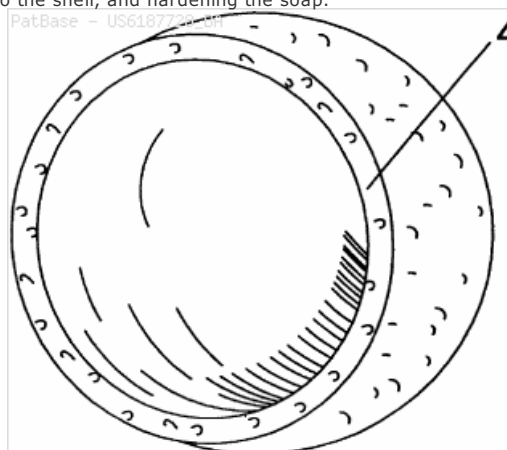
Classifications:

International (IPC 8-9): A47K7/02 A47K7/03 A61K8/02 A61Q19/10 C11D13/00 C11D13/14 C11D17/00 C11D17/04

International (IPC 1-7): A61K7/50

CPC: A47K7/03 A61K8/0208 A61Q19/10 C11D13/14 C11D17/0095 C11D17/041 C11D3/0094

US: 510/142 510/146 510/147 510/151 510/152



Family:

Publication number	Publication date	Application number	Application date
US6187728 BA	20010213	US19990306544	19990506

Priority:

US19990306544 19990506

Probable Assignee: DRAGOCO GERBERDING AND CO AG

Assignee(s): (std): DRAGOCO GERBERDING CO AG

Assignee(s): DRAGOCO GERBERDING AND CO ; DRAGOCO GERBERDING AND CO AG ; DRAGOCO INC ; SYMRISE GMBH ; SYMRISE GMBH AND CO KG

Inventor(s): (std): MCMANUS MARJORIE

Inventor(s): MARJORIE MCMANUS

Agent(s): PENDORF AND CUTLIFF

6) Family number: 34502388 (US2008242721 AA)

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Title: GLYCEROL LEVULINATE KETALS AND THEIR USE

Abstract: The present disclosure relates to the preparation of ketal compounds from glycerol and levulinic acid and esters, and uses thereof.

Classifications:

International (IPC 8-9): A01N A01N57/00 A61K A61K31/075

A61K31/34 A61K31/36 A61K31/665 A61K8/30 A61K8/49 A61K8/72
A61K8/85 B01F17/32 B01F17/38 B01F17/44 B32B1/00 B32B1/08
C07B61/00 C07D C07D307/30 C07D317/00 C07D317/10
C07D317/22 C07D317/26 C07D317/30 C07D321/12 C07D323/00
C07D405/12 C07D407/00 C07D407/02 C07D407/12 C07D493/00
C07D493/08 C07D493/18 C07D498/08 C07D498/18 C08G18/32
C08G18/42 C08G63/00 C08G63/66 C08G63/664 C08G63/78
C08G63/82 C08G71/00 C08G71/04 C08K5/00 C08K5/156
C08K5/1565 C08K5/159 C08L27/00 C08L27/06 C08L5/00 C08L67/00
C08L67/04 C08L75/00 C08L75/04 C09D9/00 C09J11/06 C11D1/02
C11D1/06 C11D3/20 C11D3/60

International (IPC 1-7): A01N57/00

CPC: C07D317/30 C07D493/08 C07D493/18 C08G18/4283
Y10T428/139

US: 106/287.21 106/287.210S 428/36.9 428/36.900S 510/201
510/201S 510/206 510/218 510/218S 510/276 510/276S 510/365
510/365S 514/467 521/172 524/108 524/108S 524/590 524/590S
528/361 528/361S 528/52 528/52S 528/58 528/58S 528/73 528/73S
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549/452 549/452S 549/454 549/454S

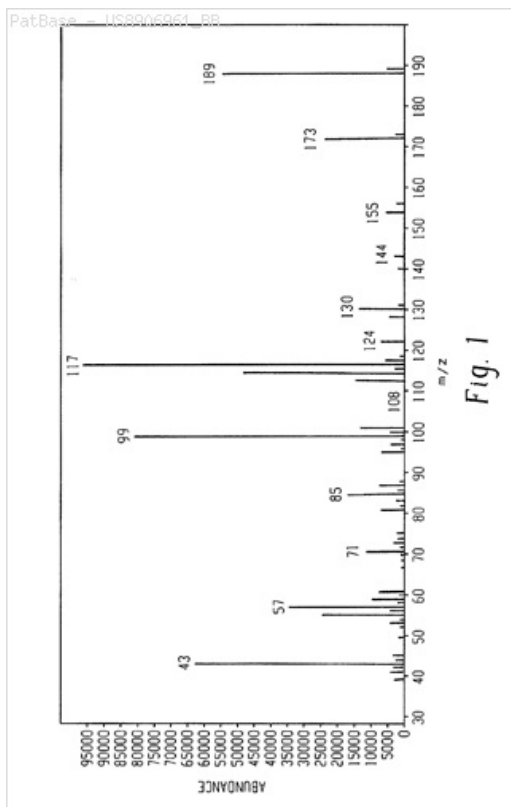


Fig. 1

Family:

Publication number	Publication date	Application number	Application date
AU2006318475 AA	20070531	AU20060318475	20061122
AU2006318475 AH	20090521	AU20060318475	20061122
AU2006318475 BB	20120223	AU20060318475	20061122
BRPI0618901 A2	20110913	BR2006PI18901	20061122
CA2630744 AA	20080521	CA20062630744	20061122
CA2630744 C	20110503	CA20062630744	20061122
CN101346067 A	20090114	CN200680049048	20061122
CN101346067 B	20130327	CN200680049048	20061122
CN103396393 A	20131120	CN201310070713	20061122
CN103396393 B	20160302	CN201310070713	20061122
DE602006036608 D1	20130725	DE200660036608T	20061122
DK1954140 T3	20130617	DK20060838270T	20061122
EP1954140 A2	20080813	EP20060838270	20061122
EP1954140 A4	20091223	EP20060838270	20061122
EP1954140 B1	20130529	EP20060838270	20061122
ES2416337 T3	20130731	ES20060838270T	20061122
HK1126934 A1	20090918	HK20090106356	20090714
HK1126934 B	20131129	HK20090106356	20090714
IN02471KN2008 A	20090123	IN2008KN02471	20080619
IN263389 B	20140131	IN2008KO02471	20080619
JP2009519901 T2	20090521	JP20080542439T	20061122
JP5305918 B2	20131002	JP20080542439T	20061122
KR101390488 B1	20140526	KR20087014887	20061122
KR20080087093 A	20080930	KR20087014887	20061122
MX301032 B	20120706	MX20080006562	20080521
MY166613 A	20180717	MY20080001718	20061122
PL1954140 T3	20130830	PL20060838270T	20061122
RU2008124895 A	20091227	RU20080124895	20061122
RU2472790 C2	20130120	RU20080124895	20061122
SG142841 A1	20080828	SG20080038986	20061122
US8053468 BB	20111108	US20060915549	20061122
US2008242721 AA	20081002	US20070915549	20070531
US2012021962 AA	20120126	US20110184064	20110715
US8178701 BB	20120515	US20110184064	20110715
US2012196947 AA	20120802	US20120445297	20120412
US8492433 BB	20130723	US20120445297	20120412
US2013303648 AA	20131114	US20130941687	20130715
US8906961 BB	20141209	US20130941687	20130715
WO07062118 A2	20070531	WO2006US45200	20061122
WO07062118 A3	20071129	WO2006US45200	20061122

Priority:

US20050738988P 20051122 WO2006US45200 20061122 CN200680049048 20061122
EP20060838270 20061122 US20060915549 20061122 US20070915549 20070531
WO2007US45200 20070531 WO2006US45200 20070531 US20080915549 20080506
US20110184064 20110715 US20120445297 20120412 US20130941687 20130715

Probable Assignee: GFBIOCHEMICALS LTD

Assignee(s): (std): AROMAGEN CORP ; GFBIOCHEMICALS LTD ; SEGETIS INC ; SELIFONOV SERGEY
Assignee(s): SEGETIS INC GOLDEN VALLEY ; SERGEY SELIFONOV
Inventor(s): (std): SELIFONOV SERGEY ; SERGEY SELIFONOV
Inventor(s): SELIFANOV SERGEJ
Agent(s): BEACHAM ANNABEL ROSE; CANTOR COLBURN LLP; DE ELZABURU ALBERTO; DEHNS; HASTINGS AND CO; NORTON ROSE FULBRIGHT CANADA LLP SENCRL SRL; PRONOVEM; ROBIC; SEGETIS INC; WRAYS
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 LI 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

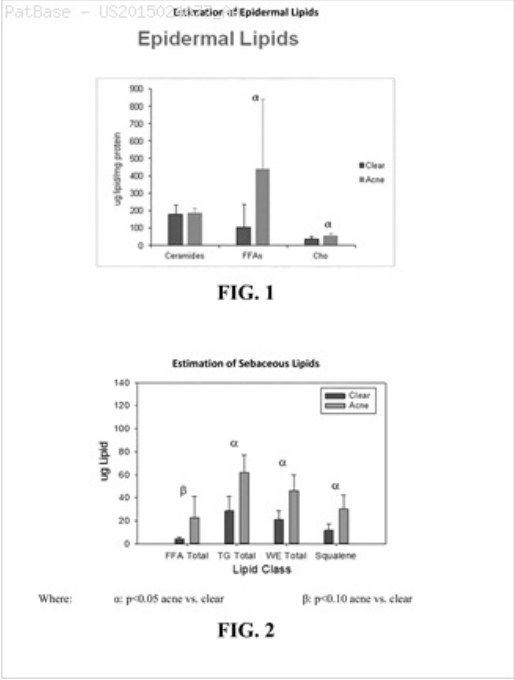
7) Family number: 58338978 (US2015024072 AA) © PatBase

Title: METHODS OF TREATING A SKIN CONDITION WITH MALVA NEGLECTA

Abstract: The present invention relates to a method of treating a skin condition, particularly improving skin barrier function, improving the appearance of at least one sign of aging in skin, and/or lightening skin, by applying to the skin an extract of Malva neglecta topically to the skin in need of treatment. Topical application of non-polar and/or lipophilic extracts of Malva neglecta have been found to be particularly effective in improving skin barrier function, improving the appearance of at least one sign of aging in skin, and/or lightening skin. The extract may be applied in a composition further comprising an agent, such as an active cosmetic agent, for further treating the skin condition.

Classifications:

International (IPC 8-9): A61K31/56 A61K31/575 A61K36/00
A61K36/185 A61K36/32 A61K8/63 A61K8/97 A61P17/00 A61P17/10
A61P17/16 A61Q17/00 A61Q17/04 A61Q19/00 A61Q19/02
A61Q19/08 A61Q19/10 A61Q5/02 A61Q5/12 A61Q9/02
CPC: A61K8/97 A61K8/9789 A61P17/00 A61P17/16 A61Q17/00
A61Q19/00 A61Q19/02 A61Q19/08 A61K2236/00 A61K2800/80
A61K36/185 A61Q17/04 A61Q19/007 A61P17/10 A61Q19/008
A61K31/575 A61K8/63 A61K36/32
US: 424/725 424/776 514/171



Family:

Publication number	Publication date	Application number	Application date
AU2014203688 AA	20150205	AU20140203688	20140704
AU2014204486 AA	20150205	AU20140204486	20140717
AU2014293311 AA	20160107	AU20140293311	20140722
AU2014293315 AA	20160107	AU20140293315	20140722
BR102014018002 A2	20151006	BR20141018002	20140722
BR102014018008 A2	20151006	BR20141018008	20140722
BR112016001209 A2	20170725	BR20161101209	20140722
BR112016001326 A2	20170725	BR20161101326	20140722
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CA2857314 AA	20150122	CA20142857314	20140721
CA2916379 AA	20151218	CA20142916379	20140722
CA2916724 AA	20151222	CA20142916724	20140722
CN104323931 A	20150204	CN201410347305	20140721
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CN105407864 A	20160316	CN201480041713	20140722
CN105407865 A	20160316	CN201480041715	20140722
CO7500023 A1	20160129	CO20140158597	20140722
CO7500021 A1	20160129	CO20140158653	20140722
EP2829303 A1	20150128	EP20140177903	20140721
EP3024435 A1	20160601	EP20140750271	20140722
EP3024436 A1	20160601	EP20140750647	20140722
IN01909DE2014 A	20160415	IN2014DE01909	20140709
IN01913DE2014 A	20150619	IN2014DE01913	20140709
IN11425DN2015 A	20160429	IN2015DN11425	20151215
IN11429DN2015 A	20160429	IN2015DN11429	20151215
KR20150011324 A	20150130	KR20140091802	20140721
KR20150011327 A	20150130	KR20140091829	20140721
KR20160034371 A	20160329	KR20167004442	20140722
KR20160033216 A	20160325	KR20167004443	20140722

MX2014008888 A1	20150529	MX20140008888	20140722
MX2014008889 A1	20150527	MX20140008889	20140722
RU2014130009 A	20160210	RU20140130009	20140721
RU2014130012 A	20160210	RU20140130012	20140721
RU2016105476 A	20170829	RU20160105476	20140722
RU2016105743 A	20170829	RU20160105743	20140722
US2015024072 AA	20150122	US20130947473	20130722
US2015024073 AA	20150122	US20130947489	20130722
US2015024074 AA	20150122	US20140338037	20140722
US2015024077 AA	20150122	US20140338072	20140722
WO15013282 A1	20150129	WO2014US47630	20140722
WO15013286 A1	20150129	WO2014US47634	20140722

Priority:

US20130947489 20130722 US20130947473 20130722 WO2014US47630 20140722
WO2014US47634 20140722 US20140338037 20140722 US20140338072 20140722

Probable Assignee: JOHNSON AND JOHNSON CONSUMER INC

Assignee(s): (std): JOHNSO AND JOHNSON CONSUMER COMPANIES INC ; JOHNSON AND JOHNSON CONSUMER ; JOHNSON AND JOHNSON CONSUMER COMPANIES INC ; JOHNSON AND JOHNSON CONSUMER INC

Assignee(s): BATCHVAROVA NIKOLETA ; CHON SUHYOUN ; HU YAPING ; JOHNSON AND JOHNSON CONSUMER COMPANIES LLC ; MAHMOOD KHALID ; PAPPAS APOSTOLOS ; PARSAMINE ; RANDHAWA MANPREET ; REYNERTSON KURT ; SOUTHWALL MICHAEL D

Inventor(s): (std): APOSTOLOS PAPPAS ; BATCHVAROVA NIKOLETA ; CHON SUHYOUN ; HU YAPING ; KHALID MAHMOOD ; KURT REYNERTSON ; MAHMOOD KHALID ; MANPREET RANDHAWA ; MICHAEL D SOUTHWALL ; PAPPAS APOSTOLOS ; PARSAMINE ; PARSAMINE ; RANDHAWA MANPREET ; REYNERTSON KURT ; SOUTHWALL MICHAEL D ; SUHYOUN CHON ; YAPING HU

Inventor(s): KURT A REYNERTSON ; NIKOLETA BATCHVAROVA

Agent(s): CARPMAELS AND RANSFORD LLP; PLANTZ BERNARD F ET AL; SHELSTON IP; SHELSTON IP PTY LTD; SILVANA MARIA LOPEZ DIAZ; SMART AND BIGGAR

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN 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 IR 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 PA PE PG PH PL PT QA RO RS RU RW SA 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

8) Family number: 43685417 (CO4290489 A1)

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Title: COMPOUNDS FOR CARE, FIX and conditioning hair thermoplastic elastomeric copolymer containing COS IMPLANTS AND METHODS (Machine translation)

Abstract: Source: CO4290489 A1 **Machine translation:** A COMPOUND FOR HAIR CARE containing: (A) a copolymer elastomeric thermoplastic having a backbone and two or more hydrophobic polymeric side CHAINS, said copolymer formed from the random copolymerization of units A, B and C WHERE said copolymer comprising (i) from about 20 percent TO NEAR 90 percent by weight of said UNITS WHERE ARE THESE UNITS UNITS MONOMEROS COPOLIMERIZCLES with such units B and C; (ii) from about 10 percent TO NEAR 60 percent by weight of said B units, wherein said macromonomer UNITS B UNITS ARE HAVING A hydrophobic polymer portion and a means polymerisable copolymers with such units A and C; And (iii) FROM 0 TO NEAR 20 percent WEIGHT percent of said C UNITS WHERE ARE THESE UNITS C UNITS HAVE A polysiloxane macromonomer polymer portion and an average copolymerizable with such units A and B. WHERE SUCH UNITS A, IN CONJUNCTION WITH SUCH MEANS OF SUCH UNITS BY copolymerizable these units C, forming said ESPINAZO; Wherein said portion polymeric said B units form said hydrophobic side chains; Wherein said copolymer having a weight average molecular greater than about 10,000; And wherein said copolymer exhibits at least two different values of Tg, said first Tg corresponding to said Espina ZO and has less worth about O degrees Celsius and said compound Tg is for those hydrophobic polymeric side CHAINS AND HAS A value greater than NEAR 25 DEGREES CEN Tiger; And (b) a water insoluble volatile solvent for said copolymer PROPER application to the hair.

Classifications:

International (IPC 8-9): A61K7/11

International (IPC 1-7): A61K7/11

Family:

Publication number	Publication date	Application number	Application date
CO4290489 A1	19960417	CO19950028553	19950629

Priority:

CO19950028553 19950629

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): MIDHA SANJEEV ; TORGERSON PETER MARTE

Inventor(s): MARTE TORGERSON PETER ; SANJEEV MIDHA

Agent(s): JIMENA ESCOBAR URIBE

9) Family number: 53660900 (US2013110064 AA)

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Title: SYSTEM FOR DETECTION AND MONITORING OF BODY EXUDATES USING A GAS EMITTING SUBSTANCE FOR USE IN INTERACTIVE TOILET TRAINING

Abstract: A system for detection and monitoring of body exudates includes an absorbent article and at least one gas emitting substance incorporated within the absorbent article that can emit a gas after a liquid insult. After an insult, a device incorporating at least one gas sensitive composition can detect the gas and signal that an insult has occurred. The gas may

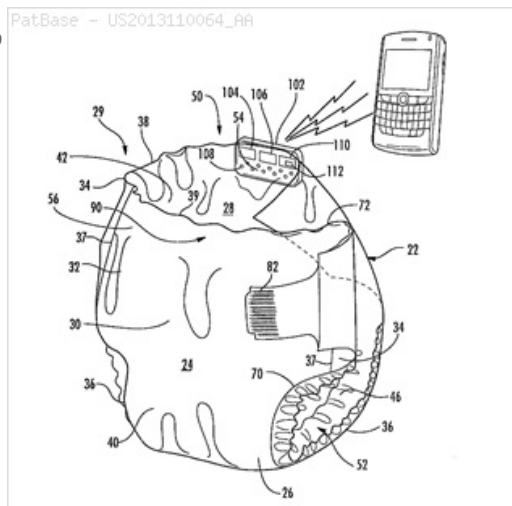
also be detected by a non-contact gas sensor linked to a controller and signaling device which can send visual, auditory, and/or vibratory alerts. The alerts may be perceptible in an area outside the wearer's clothing or at a remote location, such as a watch, radio, computer device and/or smart phone. The system can also determine the fullness of an absorbent article and monitor dry time. The system can be used for interactive toilet training or for caring for an infant, a disabled person, an incontinent youth, or an elderly person.

Classifications:

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AU2012328091 AA	20130502	AU20120328091	20120924
AU2012328091 BB	20161027	AU20120328091	20120924
BR112014008842 A2	20170425	BR20141108842	20120924
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CN103889381 B	20160824	CN201280051932	20120924
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Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN 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 PA PE PG PH PL PT QA RO RS RU RW 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