

[SS 22] 18 and pd<20140606

Results in EPODOC 62

[SS 23] 22 and (impermeable or impervious or waterproof) ad (permeable or pervious)

An operator is missing. *ERROR(-101310)*

[SS 23] 22 and (impermeable or impervious or waterproof) and (permeable or pervious)

Results in EPODOC 22

[SS 24] 23 and (border or edge or end or line or zone or overlap+ or compres+)

Results in EPODOC 18

[SS 25] 24 and (Center or centre or transv+)

Results in EPODOC 11

[SS 26] ..li



1/11 © EPODOC / EPO

PN - [USH1750H](#) H 19980901

PR - US19970812225 19970306

AP - US19970812225 19970306

DT - *

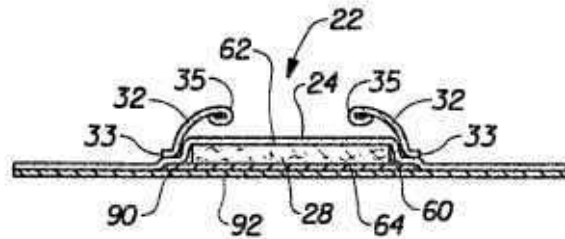
CT - [US3426754](#) A []; [US3881489](#) A [];
[US3989867](#) A []; [US4014341](#) A [];
[US4306559](#) A []; [US4324246](#) A [];
[US4341216](#) A []; [US4341217](#) A [];
[US4342314](#) A []; [US4395215](#) A [];
[US4578069](#) A []; [US4609584](#) A [];
[US4681578](#) A []; [US4681793](#) A [];
[US4713069](#) A []; [US4747991](#) A [];
[US4795454](#) A []; [US4842596](#) A [];
[US4872871](#) A []; [US4887602](#) A [];
[US4900317](#) A []; [US4908026](#) A [];
[US4983450](#) A []; [US5069678](#) A [];
[US5085654](#) A []; [US5098423](#) A [];
[US5158819](#) A []; [US5263948](#) A [];
[US5263949](#) A []; [US5292316](#) A [];
[US5527302](#) A []; [US5558658](#) A [];
[US5571096](#) A []; [US5628737](#) A [];
[US5643239](#) A []; [US4636207](#) B1 [];

[EP0477802](#) A1 []; [FR2699812](#) A1 [];
[GB2268389](#) A []; [GB2295322](#) A [];
[WO9517867](#) A2 []

- CCI - [A61F13/51484](#) ; [A61F13/5148](#)
- TI - **Absorbent** article having a breathable backsheet
- AB - A disposable **absorbent** article having a breathable laminate backsheet. The **absorbent** article has a front waist region, a rear waist region, a **crotch** region positioned between the front waist region and the rear waist region, a pair of opposed side edges, a **first end edge** and a **second end edge**. The **absorbent** article includes an **absorbent** core having a pair of opposing **longitudinal** edges, a garment-facing side and a body-facing side, and a breathable laminate backsheet disposed adjacent to the garment-facing side of the **absorbent** core. The breathable laminate backsheet has an inner **layer** and an outer **layer** joined to one another. The inner **layer** is positioned between the **absorbent** core and the outer **layer**. The outer **layer** is relatively vapor **pervious**. The inner **layer** is substantially liquid **impermeable** and substantially vapor **pervious**. The inner **layer** is **longitudinally** coterminous with the **absorbent** article and of a smaller **transverse** width than the front waist region, the rear waist region, and the **crotch** region so as to form a breathable **zone** which is **longitudinally** coterminous with the **absorbent** article and adjacent to each of the side edges.

2/11 © EPODOC / EPO

- PN - [US5843066](#) A 19981201
- PR - US19970812181 19970306
- AP - US19970812181 19970306
- DT - **
- CT - || STSE (A)
[US3426754](#) A 19690211 [] (BIERENBAUM HARVEY S, et al);
[US3881489](#) A 19750506 [] (HARTWELL EDWARD WALLACE);
[US3989867](#) A 19761102 [] (SISSON JAMES BRYANT);
[US4014341](#) A 19770329 [] (KARAMI HAMZEH);
[US4306559](#) A 19811222 [] (NISHIZAWA KAZUNORI, et al);
[US4324246](#) A 19820413 [] (MULLANE WILLIAM I, et al);
[US4341216](#) A 19820727 [] (OBENOUR MARY C);
[US4341217](#) A 19820727 [] (FERGUSON SUSAN P, et al);
[US4342314](#) A 19820803 [] (RADEL CLIFFORD J, et al);
[US4395215](#) A 19830726 [] (BISHOP DELMAR J);
[US4578069](#) A 19860325 []



] (WHITEHEAD HOWARD A [US],
et al);
[US4681578](#) A 19870721 [
] (ANDERSON ARTHUR B [US], et
al);
[US4681793](#) A 19870721 [
] (LINMAN E KELLY [US], et al);
[US4713069](#) A 19871215 [
] (WANG KENNETH Y [US], et al);
[US4747991](#) A 19880531 [
] (BISHOP DELMAR J [US]);
[US4795454](#) A 19890103 [
] (DRAGOO JERRY L [US]);
[US4842596](#) A 19890627 [
] (KIELPIKOWSKI DAVID P [US], et
al);
[US4872871](#) A 19891010 [
] (PROXMIRE DEBORAH L [US], et
al);
[US4887602](#) A 19891219 [
] (O'LEARY AUDREY A [US]);
[US4900317](#) A 19900213 [
] (BUELL KENNETH B [US]);
[US4908026](#) A 19900313 [
] (SUKIENNIK CORRINE A [US], et
al);
[US4983450](#) A 19910108 [
] (YANAGIHARA TAKESHI [JP], et
al);
[US5069678](#) A 19911203 [
] (YAMAMOTO MASAMITSU [JP],
et al);
[US5085654](#) A 19920204 [
] (BUELL KENNETH B [US]);
[US5098423](#) A 19920324 [
] (PIENIAK HEINZ A [US], et al);
[US5158819](#) A 19921027 [
] (GOODMAN JR WILLIAM H [US],
et al);
[US5527302](#) A 19960618 [
] (ENDRES DAN D [US], et al);
[US5558658](#) A 19960924 [
] (MENARD KAREN M [US], et al);
[US5571096](#) A 19961105 [
] (DOBRIN GEORGE C [US], et al);
[US5628737](#) A 19970513 [
] (DOBRIN GEORGE C [US], et al);
[US4636207](#) A 19870113 [
] (BUELL KENNETH B [US]);

[EP0477802](#) A1 19920401 [] (KIMBERLY CLARK CO [US]);
[EP0787580](#) A1 19970806 [] (GRACE W R & CO [US]);
[FR2699812](#) A1 19940701 [] (PEAUDOUCE SA [FR]);
[GB2268389](#) A 19940112 [] (KAO CORP [JP]);
[GB2295322](#) A 19960529 [] (KIMBERLY CLARK CO [US]);
[WO9004374](#) A1 19900503 [] (MCNEIL PPC INC [US]);
[WO9311938](#) A1 19930624 [] (MINNESOTA MINING & MFG [US]);
[WO9517867](#) A2 19950706 [] (KIMBERLY CLARK CO [US])

CCI - [A61F13/51458](#) ; [A61F13/51474](#) ; [B32B5/22](#)

CUI - [B32B5/024](#) ; [B32B27/12](#)

CCA - [A61F13/51478](#) ; [A61F2013/51421](#)

CUA - [B32B2307/724](#) ; [B32B2307/7265](#) ; [B32B2555/02](#)

PA - PROCTER & GAMBLE [US]

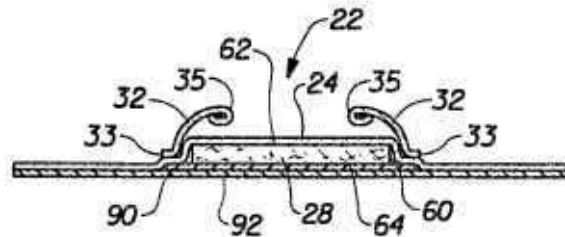
TI - **Absorbent** article having a breathable backsheet

AB - A disposable **absorbent** article having a breathable laminate backsheet. The **absorbent** article has a front waist region, a rear waist region, a **crotch** region positioned between the front waist region and the rear waist region, a pair of opposed side edges, a **first end edge** and a **second end edge**.
 The **absorbent** article includes an **absorbent** core having a pair of opposing **longitudinal** edges, a garment-facing side and a body-facing side, and a breathable laminate backsheet disposed adjacent to the garment-facing side of the **absorbent** core. The breathable laminate backsheet has an inner **layer** and an

outer **layer** joined to one another. The inner **layer** is positioned between the **absorbent** core and the outer **layer**. The outer **layer** is relatively vapor **pervious**. The inner **layer** is substantially liquid, vapor and air **impermeable**. The inner **layer** is **longitudinally** coterminous with the **absorbent** article and of a smaller **transverse** width than the front waist region, the rear waist region, and the **crotch** region so as to form a breathable **zone** which is **longitudinally** coterminous with the **absorbent** article and adjacent to each of the side edges.

3/11 © EPODOC / EPO

PN - [WO9838957](#) A1 19980911
 PR - US19970812181 19970306
 AP - WO1998US03994 19980227
 DT - *; Rep
 CT - |EP| ISR (A1)
[EP0787580](#) A1 19970806
 [PA] (GRACE W R & CO [US])
 [PA] 1,2
 * page 2, line 22 - line 44 *;
[WO9004374](#) A1 19900503
 [X] (MCNEIL PPC INC [US])
 [X] 1-6
 * page 10, line 16 - line 19;
 figures 1,6 *
 * page 12, line 22 - page 13,
 line 19 *;
[US4655760](#) A 19870407
 [Y] (MORMAN MICHAEL T [US], et
 al)
 [Y] 1,2,5,6
 * figure 1; claims 1,2,7,12 *;
[WO9311938](#) A1 19930624
 [Y] (MINNESOTA MINING & MFG
 [US])
 [Y] 1,2,5,6
 * abstract *



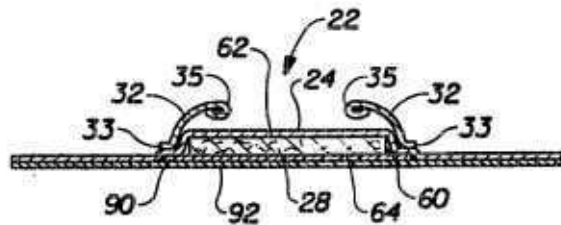
* page 7, line 1 - line 13 *;
[US4341216](#) A 19820727
 [A] (OBENOUR MARY C)
 [A] 1,2,5,6
 * claim - *;
[EP0412549](#) A1 19910213
 [A] (UNI CHARM CORP [JP])
 [A] 1,2,5,6
 * column 2, line 23 - line 37;
 figure 5 *
 * column 4, line 52 - column 5,
 line 4 *

- CCI - [A61F13/51458](#) ; [A61F13/51474](#) ;
[B32B5/22](#)
- CUI - [B32B5/024](#) ; [B32B27/12](#)
- CCA - [A61F13/51478](#) ;
[A61F2013/51421](#)
- CUA - [B32B2307/724](#) ;
[B32B2307/7265](#) ; [B32B2555/02](#)
- PA - PROCTER & GAMBLE [US]
- TI - **ABSORBENT** ARTICLE HAVING A
 BREATHABLE BACKSHEET
- AB - A disposable **absorbent** article
 (20) having a breathable
 laminate backsheet (26).
 The **absorbent** article (20) has a
 front waist region (46), a rear
 waist region (44), a **crotch** region
 (48) positioned between the front
 waist region (46) and the rear
 waist region (44), a pair of
 opposed side edges (50), a **first**
end edge (52) and a **second end**
edge (52). The **absorbent** article
 (20) includes an **absorbent** core
 (28) having a pair of
 opposing **longitudinal** edges (50),
 a garment-facing side (70) and a
 body-facing side (72), and a
 breathable laminate backsheet
 (26) disposed adjacent to the
 garment-facing side (70) of
 the **absorbent** core (28). The
 breathable laminate backsheet
 (26) has an inner **layer** (90) and
 an outer **layer** (92) joined to one
 another. The inner **layer** (90) is

positioned between the **absorbent** core (28) and the outer **layer** (92). The outer **layer** (92) is relatively vapor **pervious**. The inner **layer** (90) is substantially liquid, vapor and air **impermeable**. The inner **layer** (90) is **longitudinally** coterminous with the **absorbent** article (20) and of a smaller **transverse** width than the front waist region (46), the rear waist region (44), and the **crotch** region (48) so as to form a breathable **zone** (80) which is **longitudinally** coterminous with the **absorbent** article (20) and adjacent to each of the side edges (50).

4/11 © EPODOC / EPO

- PN - [WO9838956](#) A1 19980911
- PR - US19970812225 19970306
- AP - WO1998US02686 19980213
- DT - **
- CT - |EP| ISR (A1)
[WO9736561](#) A1 19971009
 [PA] (KIMBERLY CLARK CO [US])
 [PA] 1,2,5-7
 * page 14, line 13 - line 30;
 claim - *;
[WO9004374](#) A1 19900503
 [X] (MCNEIL PPC INC [US])
 [X] 1-6
 * page 10, line 16 - line 19;
 figures 1,6 *
 * page 12, line 22 - page 13,
 line 19 *;
[US4655760](#) A 19870407
 [Y] (MORMAN MICHAEL T [US], et
 al)
 [Y] 1,2,5,6
 * figure 1; claims 1,2,7,12 *;
[US4341216](#) A 19820727
 [Y] (OBENOUR MARY C)
 [Y] 1,2,5,6
 * claim - *;
[EP0412549](#) A1 19910213



[A] (UNI CHARM CORP [JP])
 [A] 1,2,5,6
 * column 2, line 23 - line 37;
 figure 5 *
 * column 4, line 52 - column 5,
 line 4 *;
[US4713069](#) A 19871215
 [A] (WANG KENNETH Y [US], et al)
 [A] 1-3,5-7
 * figure 2; claims 1,6,9,31 *

- CCI - [A61F13/5148](#) ; [A61F13/51484](#)
- PA - PROCTER & GAMBLE [US]
- TI - **ABSORBENT** ARTICLE HAVING A
BREATHABLE BACKSHEET
- AB - A disposable **absorbent** article
 (20) having a breathable
 laminate backsheet (26).
 The **absorbent** article (20) has a
 front waist region (46), a rear
 waist region (44), a **crotch** region
 (48) positioned between the front
 waist region (46) and the rear
 waist region (44), a pair of
 opposed side edges (50), a **first**
end edge (52) and a **second end**
edge (52). The **absorbent** article
 (20) includes an **absorbent** core
 (28) having a pair of
 opposing **longitudinal** edges (50),
 a garment-facing side (70) and a
 body-facing side (72), and a
 breathable laminate backsheet
 (26) disposed adjacent to the
 garment-facing side (70) of
 the **absorbent** core (28). The
 breathable laminate backsheet
 (26) has an inner **layer** (90) and
 an outer **layer** (92) joined to one
 another. The inner **layer** (90) is
 positioned between
 the **absorbent** core (28) and the
 outer **layer** (92). The outer **layer**
 (92) is relatively vapor **pervious**.
 The inner **layer** (90) is
 substantially
 liquid **impermeable** and
 substantially vapor **pervious**.
 The inner **layer** (90)

is **longitudinally** coterminous with the **absorbent** article (20) and of a smaller **transverse** width than the front waist region (46), the rear waist region (44), and the **crotch** region (48) so as to form a breathable **zone** (82) which is **longitudinally** coterminous with the **absorbent** article (20) and adjacent to each of the side edges.

5/11 © EPODOC / EPO

- PN - [TW438582B](#) B 20010607
- PR - US19970812225 19970306
- AP - TW19980108345 19980528
- DT - I
- CCI - [A61F13/51484](#) ; [A61F13/5148](#)
- PA - PROCTER & GAMBLE [US]
- TI - **Absorbent** article having a breathable backsheet
- AB - A disposable **absorbent** article having a breathable laminate backsheet. The **absorbent** article has a front waist region, a rear waist region, a **crotch** region positioned between the front waist region and the rear waist region, a pair of opposed side edges, a **first end edge** and a **second end edge**. The **absorbent** article includes an **absorbent** core having a pair of opposing **longitudinal** edges, a garment-facing side and a body-facing side, and a breathable laminate backsheet disposed adjacent to the garment-facing side of the **absorbent** core. The breathable laminate backsheet has an inner **layer** and an outer **layer** joined to one another. The inner **layer** is positioned between the **absorbent** core and the outer **layer**. The outer **layer** is relatively vapor **pervious**. The inner **layer** is substantially liquid **impermeable** and substantially vapor **pervious**. The inner **layer** is **longitudinally** coterminous with the **absorbent** article and of a smaller **transverse** width than the front waist region, the rear waist region, and the **crotch** region so as to form a breathable **zone** which is **longitudinally** coterminous with the **absorbent** article and adjacent to each of the side edges.

6/11 © EPODOC / EPO

- PN - [MXPA01011094](#) A 20040910
- PR - MX2001PA04424 20010430; MX2001PA11094 20011031
- AP - MX2001PA11094 20011031
- DT - I
- PA - GRUPO P I MABE SA DE C V [MX]
- TI - ANTI-LEAKAGES DOUBLE BARRIER DISPOSABLE **ABSORBENT** ARTICLE.
- AB - The present invention discloses a disposable **absorbent** article preferably constituted by a **permeable** upper **layer**, an **impermeable** lower **layer**, an **absorbent** matrix placed between both layers, elastic bands and a fastening system; both, article and **absorbent**

matrix have two **longitudinal** edges, two **transversal** edges and a **crotch zone** that will be in contact with the user **crotch** when the article is been used, so that it has two anti-leakage barriers: a **first** barrier placed in the upper part of the article and adjacent to each one of the **longitudinal** edges of the **absorbent** matrix in the **crotch zone** and which extends preferably throughout the article and a **second** anti-leakage barrier placed at the upper part of the article adjacently to the **first** barrier, between this and each one of the article **longitudinal** edges in the **crotch zone** and which extends preferably throughout the article.

7/11 © EPODOC / EPO

PN - [MXPA01011093](#) A 20021105
 PR - MX2001PA11093 20011031; MX2001PA04424 20010430
 AP - MX2001PA11093 20011031
 DT - I
 PA - GRUPO P I MABE SA DE C V [MX]
 TI - ANTI-LEAKAGES DOUBLE BARRIER DISPOSABLE **ABSORBENT** ARTICLE.
 AB - The present invention discloses a disposable **absorbent** article preferably constituted by ba **permeable** upper **layer**, an **impermeable** lower **layer**, an **absorbent** matrix placed between both layers, elastic bands and a fastening system; both, article and **absorbent** matrix have two **longitudinal** edges, two **transversal** edges and a **crotch zone** that will be in contact with the user **crotch** when the article is been used, so that it has two anti-leakage barriers: a **first** barrier placed in the upper part of the article and adjacent to each one of the **longitudinal** edges of the **absorbent** matrix in the **crotch zone** and which extends preferably throughout the article and a **second** anti-leakage barrier placed at the upper part of the article adjacently to the **first** barrier, between this and each one of the article **longitudinal** edges in the **crotch zone** and which extends preferably throughout the article.

8/11 © EPODOC / EPO

PN - [ES2194605](#) A1 20031116
 PNFP - ES2194605 B1 20050101
 PR - MX2001PA04424 20010430
 AP - ES20020000999 20020430
 DT - I
 CT - || STSE (A1)
[US5167653](#) A 19921201 [X] (IGAUE TAKAMITSU [JP], et al);
[GB2255896](#) A 19921125 [X] (IGAUE TAKAMITSU, et al);
[WO9827907](#) A1 19980702 [X] (PUTZER MELISSA C, et al);
[WO9626698](#) A1 19960906 [X] (ROE DONALD CARROLL, et al)
 PA - (A1 B1)
 GRUPO P I MABE SA DE C V [MX]
 TI - (A1)
 Disposable nappy type garment with a sealing barrier includes an **absorbent** core with straps and a **crotch zone** with two adjacent seal systems
 AB - (A1)

Disposable **absorbent** item with double anti-leak barrier. Item that is formed from a **permeable** upper **layer**, an **impermeable** lower **layer**, an **absorbent centre** fitted between each **layer**, elastic waistband and a fastening system. Both the item and its **absorbent** centrepiece have two **longitudinal** flaps, two **transversal** flaps and a **crotch** area, so that the item will come into contact with the user's **crotch** so that it has two lateral anti-leak side barriers; the **first** barrier placed on the top part of the item, next to each of the **longitudinal** flaps of the **absorbent** centrepiece in the **crotch** area, extending the whole length of the item and the **second** anti-leak barrier is placed into the upper part of the item, next to the **first** barrier, between the latter and each of the **longitudinal** flaps in the **crotch** area, preferably extending along the entire length of the item. <IMAGE>

- The disposable nappy-type garment with a sealing barrier has a **permeable** top and an **impermeable** bottom **layer**, sandwiching an **absorbent** core, with elastic belt straps and a securing system. The core and the garment have axial and **transverse** tongues and a **crotch zone** with full-length seal has a top barrier **zone** adjoining it.

9/11 © EPODOC / EPO

PN - [CZ9903068](#) A3 20000315

PNFP - CZ290099 B6 20020515

PR - US19970812225 19970306

AP - CZ19990003068 19980213

DT - I

CCI - [A61F13/5148](#) ; [A61F13/51484](#)

PA - (A3 B6)
PROCTER & GAMBLE [US]

TI - (A3)
Absorption article with air-**permeable** bottom **layer**

- (B6)
Disposable **absorbent** article

AB - (B6)
In the present invention there is disclosed a disposable **absorbent** article (20) having a breathable laminate backsheet (26). The **absorbent** article (20) has a front waist region (46), a rear waist region (44), a **crotch** region (48) positioned between the front waist region (46) and the rear waist region (44), a pair of opposed side edges (50), a **first end edge** (52) in the front waist region (46), and a **second end edge** (52) in the rear waist region (44). The **absorbent** article (20) further includes an **absorbent** core (28) having a pair of opposing **longitudinal** edges (60), a garment-facing side (64) and a body-facing side (62), and a breathable laminate backsheet (26) disposed adjacent to the garment-facing side (64) of the **absorbent** core (28). The breathable laminate backsheet (26) has an inner **layer** (90) and an outer **layer** (92) joined to one another. The inner **layer** (90) is positioned between the **absorbent** core (28) and the outer **layer** (92). The inner **layer** (90) is **longitudinally** coterminous with the **absorbent** article (20) and of a smaller **transverse** width than the front waist region (46), the rear waist region (44), and the **crotch** region (48) so as to form a **second** breathable **zone** (82) which is **longitudinally** coterminous with the **absorbent** article (20) and adjacent to each of the side edges (50). The outer **layer** (92) is **pervious** to liquids, air and vapor. The inner **layer** (90) is substantially liquid **impermeable** and substantially vapor **pervious**. Further, the laminate backsheet (26) comprises both a **first** breathable **zone** (82) extending in the

region of the present outer **layer** (92) and the inner **layer** (90) and a **second** breathable **zone** (80) having a mass vapor transmission rate of at least 2500 g/square meter/24hours, whereby said **first** breathable **zone** (82) has a mass vapor transmission rate of at least 1500 g/square meter/24hours.

10/11 © EPODOC / EPO

PN - [CA2282282](#) A1 19980911

PNFP - CA2282282 C 20040106

PR - US19970812225 19970306; WO1998US02686 19980213

AP - CA19982282282 19980213

DT - I

CCI - [A61F13/51484](#) ; [A61F13/5148](#)

PA - (A1 C)
PROCTER & GAMBLE [US]

TI - (A1 C)
ABSORBENT ARTICLE HAVING A BREATHABLE BACKSHEET

AB - (A1)
A disposable **absorbent** article (20) having a breathable laminate backsheet (26). The **absorbent** article (20) has a front waist region (46), a rear waist region (44), a **crotch** region (48) positioned between the front waist region (46) and the rear waist region (44), a pair of opposed side edges (50), a **first end edge** (52) and a **second end edge** (52). The **absorbent** article (20) includes an **absorbent** core (28) having a pair of opposing **longitudinal** edges (50), a garment-facing side (70) and a body-facing side (72), and a breathable laminate backsheet (26) disposed adjacent to the garment-facing side (70) of the **absorbent** core (28). The breathable laminate backsheet (26) has an inner **layer** (90) and an outer **layer** (92) joined to one another. The inner **layer** (90) is positioned between the **absorbent** core (28) and the outer **layer** (92). The outer **layer** (92) is relatively vapor **pervious**. The inner **layer** (90) is substantially liquid **impermeable** and substantially vapor **pervious**. The inner **layer** (90) is **longitudinally** coterminous with the **absorbent** article (20) and of a smaller **transverse** width than the front waist region (46), the rear waist region (44), and the **crotch** region (48) so as to form a breathable **zone** (82) which is **longitudinally** coterminous with the **absorbent** article (20) and adjacent to each of the side edges.

- (C)
A disposable **absorbent** article (20) having a breathable laminate backsheet (26). The **absorbent** article (20) has a front waist region (46), a rear waist region (44), a **crotch** region (48) positioned between the front waist region (46) and the rear waist region (44), a pair of opposed side edges (50), a **first end edge** (52) and a **second end edge** (52). The **absorbent** article (20) includes an **absorbent** core (28) having a pair of opposing **longitudinal** edges (50), a garment-facing side (70) and a body-facing side (72), and a breathable laminate backsheet (26) disposed adjacent to the garment-facing side (70) of the **absorbent** core (28). The breathable laminate backsheet (26) has an inner **layer** (90) and an outer **layer** (92) joined to one another. The inner **layer** (90) is positioned between the **absorbent** core (28) and the outer **layer** (92). The outer **layer** (92) is relatively vapor **pervious**. The inner **layer** (90) is substantially liquid **impermeable** and substantially vapor **pervious**. The inner **layer** (90) is **longitudinally** coterminous with the **absorbent** article (20) and of a smaller **transverse** width than the front waist region

(46), the rear waist region (44), and the **crotch** region (48) so as to form a breathable **zone** (82) which is **longitudinally** coterminous with the **absorbent** article (20) and adjacent to each of the side edges.

11/11 © EPODOC / EPO

PN - [CA2282270](#) A1 19980911

PNFP - CA2282270 C 20031125

PR - US19970812181 19970306; WO1998US03994 19980227

AP - CA19982282270 19980227

DT - I

CCI - [A61F13/51458](#) ; [A61F13/51474](#) ; [B32B5/22](#)

CUI - [B32B5/024](#) ; [B32B27/12](#)

CCA - [A61F13/51478](#) ; [A61F2013/51421](#)

CUA - [B32B2307/724](#) ; [B32B2307/7265](#) ; [B32B2555/02](#)

PA - (A1 C)
PROCTER & GAMBLE [US]

TI - (A1 C)
ABSORBENT ARTICLE HAVING A BREATHABLE BACKSHEET

AB - (A1)
A disposable **absorbent** article (20) having a breathable laminate backsheet (26). The **absorbent** article (20) has a front waist region (46), a rear waist region (44), a **crotch** region (48) positioned between the front waist region (46) and the rear waist region (44), a pair of opposed side edges (50), a **first end edge** (52) and a **second end edge** (52). The **absorbent** article (20) includes an **absorbent** core (28) having a pair of opposing **longitudinal** edges (50), a garment-facing side (70) and a body-facing side (72), and a breathable laminate backsheet (26) disposed adjacent to the garment-facing side (70) of the **absorbent** core (28). The breathable laminate backsheet (26) has an inner **layer** (90) and an outer **layer** (92) joined to one another. The inner **layer** (90) is positioned between the **absorbent** core (28) and the outer **layer** (92). The outer **layer** (92) is relatively vapor **pervious**. The inner **layer** (90) is substantially liquid, vapor and air **impermeable**. The inner **layer** (90) is **longitudinally** coterminous with the **absorbent** article (20) and of a smaller **transverse** width than the front waist region (46), the rear waist region (44), and the **crotch** region (48) so as to form a breathable **zone** (80) which is **longitudinally** coterminous with the **absorbent** article (20) and adjacent to each of the side edges (50).

- (C)
A disposable **absorbent** article (20) having a breathable laminate backsheet (26). The **absorbent** article (20) has a front waist region (46), a rear waist region (44), a **crotch** region (48) positioned between the front waist region (46) and the rear waist region (44), a pair of opposed side edges (50), a **first end edge** (52) and a **second end edge** (52). The **absorbent** article (20) includes an **absorbent** core (28) having a pair of opposing **longitudinal** edges (50), a garment-facing side (70) and a body-facing side (72), and a breathable laminate backsheet (26) disposed adjacent to the garment-facing side (70) of the **absorbent** core (28). The breathable laminate backsheet (26) has an inner **layer** (90) and an outer **layer** (92) joined to one another. The inner **layer** (90) is positioned between the **absorbent** core (28) and the outer **layer** (92). The outer **layer** (92)

is relatively vapor **pervious**. The inner **layer** (90) is substantially liquid, vapor and air **impermeable**. The inner **layer** (90) is **longitudinally** coterminous with the **absorbent** article (20) and of a smaller **transverse** width than the front waist region (46), the rear waist region (44), and the **crotch** region (48) so as to form a breathable **zone** (80) which is **longitudinally** coterminous with the **absorbent** article (20) and adjacent to each of the side edges (50).

[SS 26]