

**Base : FAMPAT**

**SEARCH STRATEGY**

SS Results

|   |          |                             |
|---|----------|-----------------------------|
| 5 | 7        | 3 AND 4                     |
| 4 | 47587844 | PD<20140929                 |
| 3 | 12       | 2 AND (ABSORBENT 1W INSERT) |
| 2 | 1175     | 1 AND (MULTIPLE AND USE)    |
| 1 | 27653    | ABSORBENT AND ARTICLE       |

## 7 Documents

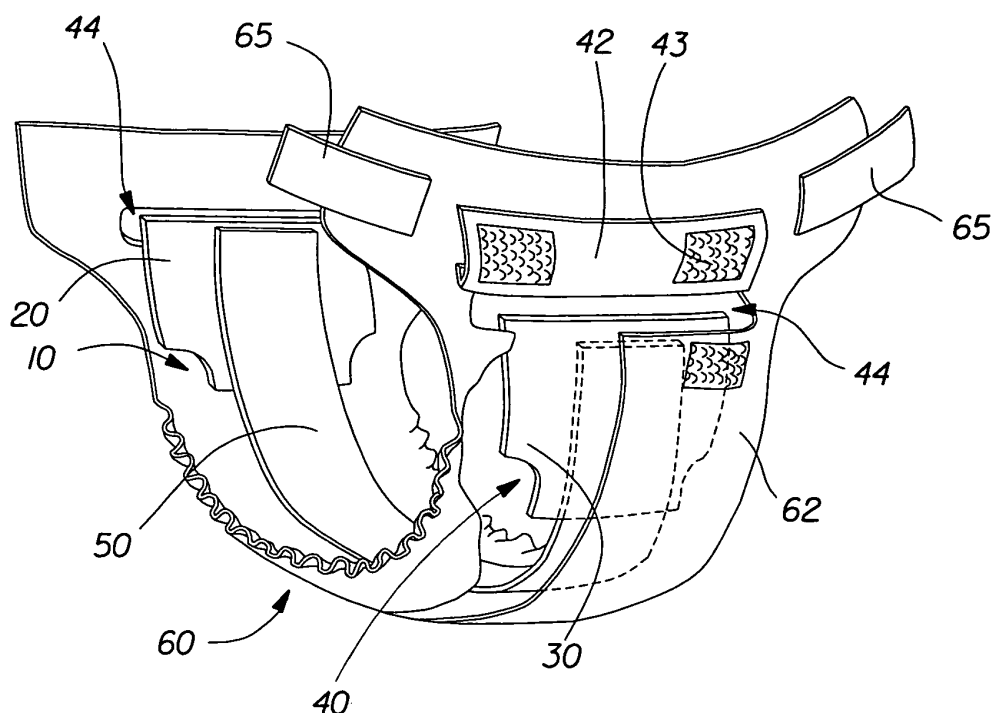
| Publication numbers              | Title                                                                                                                                      | Current assignees |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| <a href="#">WO200449992 A2</a>   | Disposable absorbent articles having multiple absorbent core components including replaceable components                                   | PROCTER & GAMBLE  |
| <a href="#">WO9843574 A1</a>     | Absorbent articles having removable components                                                                                             | PROCTER & GAMBLE  |
| <a href="#">US20100176033 A1</a> | Reusable outer cover for an absorbent article                                                                                              | PROCTER & GAMBLE  |
| <a href="#">US20060206087 A1</a> | Disposable absorbent articles having multiple absorbent core components including replaceable components                                   | PROCTER & GAMBLE  |
| <a href="#">US20040024379 A1</a> | Disposable absorbent articles having multiple absorbent core components including replaceable components                                   | PROCTER & GAMBLE  |
| <a href="#">US20030199844 A1</a> | Disposable absorbent articles with replaceable absorbent core components having regions of permeability and impermeability on same surface | PROCTER & GAMBLE  |
| <a href="#">CA2594235 A1</a>     | Disposable absorbent articles having multiple absorbent core components including replaceable components                                   | PROCTER & GAMBLE  |

## Title

(EP1567109)

Disposable absorbent articles having multiple absorbent core components including replaceable components

## Images



### Publication data including kind & date

|               |    |            |                |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|---------------|----|------------|----------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| WO2004049992  | A2 | 2004-06-17 | WO200449992    |  |  |  |  |
| CA2508033     | A1 | 2004-06-17 | CA2508033      |  |  |  |  |
| AU2003293106  | A1 | 2004-06-23 | AU2003293106   |  |  |  |  |
| WO2004049992  | A3 | 2004-12-09 | WO200449992    |  |  |  |  |
| AR042263      | A1 | 2005-06-15 | AR--42263      |  |  |                                                                                       |  |
| MXPA05005747  | A  | 2005-08-16 | MX2005PA005747 |  |  |                                                                                       |  |
| KR20050085366 | A  | 2005-08-29 | KR20050085366  |  |  |  |  |
| EP1567109     | A2 | 2005-08-31 | EP1567109      |  |  |  |  |
| BR0317001     | A  | 2005-10-25 | BR200317001    |  |  |  |  |
| BRPI0317001   | A1 | 2005-10-25 | BRPI0317001    |  |  |  |  |
| CN1717213     | A  | 2006-01-04 | CN1717213      |  |  |  |  |
| JP2006508741  | A  | 2006-03-16 | JP2006508741   |  |  |  |  |
| US20060212016 | A1 | 2006-09-21 | US20060212016  |  |  |  |  |
| US20060224135 | A1 | 2006-10-05 | US20060224135  |  |  |  |  |
| US20060253093 | A1 | 2006-11-09 | US20060253093  |  |  |  |  |
| ZA200503476   | B  | 2006-11-29 | ZA200503476    |  |  |                                                                                       |  |
| KR20060124790 | A  | 2006-12-05 | KR20060124790  |  |  |  |  |
| US20070083181 | A1 | 2007-04-12 | US20070083181  |  |  |  |  |
| CN101053543   | A  | 2007-10-17 | CN101053543    |  |  |  |  |
| US7494483     | B2 | 2009-02-24 | US7494483      |  |  |  |  |
| CA2508033     | C  | 2009-05-26 | CA2508033      |  |  |  |  |
| CN100531694   | C  | 2009-08-26 | CN100531694C   |  |  |  |  |
| JP2010012272  | A  | 2010-01-21 | JP2010012272   |  |  |  |  |

|                               |    |            |               |
|-------------------------------|----|------------|---------------|
| <a href="#">US8187241</a>     | B2 | 2012-05-29 | US8187241     |
| <a href="#">US8192415</a>     | B2 | 2012-06-05 | US8192415     |
| <a href="#">IN2069DEN2005</a> | A  | 2015-07-24 | IN2005DN02069 |

**Abstract**

(EP1567109)

A disposable absorbent article adapted to be worn about a lower torso of a human body and having a chassis, a non-removable absorbent core component disposed in a crotch region of the chassis, and a replaceable absorbent core component disposed in capillary liquid communication with the non-removable absorbent core component. The replaceable absorbent core component may be removed and a like component may be substituted in place of the removed component without the removal of the absorbent article from the wearer. The replaceable absorbent core component may be disposed inside an openable chassis pocket, with access for its removal and replacement provided by an aperture in a backsheet, an openable end of an external pocket, or an openable end of an internal pocket formed at an area of a waist end edge where the backsheet and a topsheet may be separated. Additional replaceable absorbent core components may also be incorporated.

**Inventors**

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HENRICH THOMAS

KLINE MARK JAMES

MILBRADA EDWARD JOHN

**Latest standardized assignees - inventors removed**

PROCTER &amp; GAMBLE

**Publication dates**

2004-06-17

2004-06-17

2004-06-23

2004-12-09

2005-06-15

2005-08-16

2005-08-29

2005-08-31

2005-10-25

2005-10-25

2006-01-04

2006-03-16

2006-09-21

2006-10-05

2006-11-09

2006-11-29

2006-12-05

2007-04-12

2007-10-17

2009-02-24

2009-05-26

2009-08-26

2010-01-21



|               |    |            |               |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|---------------|----|------------|---------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| KR20010005691 | A  | 2001-01-15 | KR20010005691 |    |    |    |    |
| IL131793      | A  | 2001-03-19 | IL-131793     |    |    |    |    |
| TW434005      | B  | 2001-05-16 | TW-434005     |    |    |    |    |
| JP2002509461  | A  | 2002-03-26 | JP2002509461  |    |    |    |    |
| EG22034       | A  | 2002-06-30 | EG--22034     |    |    |    |    |
| JP2003135520  | A  | 2003-05-13 | JP2003135520  |    |    |    |    |
| JP3417572     | B2 | 2003-06-16 | JP3417572     |    |    |    |    |
| KR20030097602 | A  | 2003-12-31 | KR20030097602 |    |    |    |    |
| US20040039361 | A1 | 2004-02-26 | US20040039361 |    |    |    |    |
| EP1495740     | A2 | 2005-01-12 | EP1495740     |    |    |    |    |
| CA2283659     | C  | 2005-03-29 | CA2283659     |    |    |    |    |
| CN1200662     | C  | 2005-05-11 | CN1200662C    |    |    |    |    |
| EP0971668     | B1 | 2005-09-21 | EP-971668     |    |    |    |    |
| AT304831      | T  | 2005-10-15 | ATE304831     |    |    |    |    |
| DE69831657    | D1 | 2005-10-27 | DE69831657    |    |    |    |    |
| US20050256480 | A1 | 2005-11-17 | US20050256480 |    |    |    |    |
| US6989006     | B2 | 2006-01-24 | US6989006     |    |    |    |    |
| US6989005     | B1 | 2006-01-24 | US6989005     |    |    |    |    |
| ES2251076     | T3 | 2006-04-16 | ES2251076     |    |    |    |    |
| KR100574746   | B1 | 2006-04-28 | KR100574746   |   |   |   |   |
| DE69831657    | T2 | 2006-06-14 | DE69831657    |  |  |  |  |
| HK1025032     | A1 | 2006-07-28 | HK1025032     |  |  |  |  |
| JP2006218322  | A  | 2006-08-24 | JP2006218322  |  |  |  |  |
| BRPI9808665   | B1 | 2006-08-29 | BR9808665     |  |  |  |  |
| JP3954470     | B2 | 2007-08-08 | JP3954470     |  |  |  |  |
| US7381202     | B2 | 2008-06-03 | US7381202     |  |  |  |  |
| JP4541322     | B2 | 2010-09-08 | JP4541322     |  |  |  |  |
| EP1495740     | A3 | 2013-03-20 | EP1495740     |  |  |  |  |

**Abstract**

(EP1495740)

The present invention relates to absorbent articles suitable for absorbing and retaining aqueous body fluids. Absorbent articles of the present invention comprise a discontinuous, substantially fluid impervious backsheet and an absorbent core disposed between the topsheet and the backsheet. The absorbent core comprises a plurality of core components which are removable, with access for removal provided by at least one discontinuity forming an opening in the backsheet. Once removed, other absorbent core components or layers of components may remain in the absorbent article. Also, additional absorbent core components or layers may be added through the opening in the backsheet. In a preferred embodiment the absorbent core comprises a plurality of components, including at least a front panel, a rear panel, and a center section. Each of the absorbent components may include layers of absorbent members. Upon saturation with bodily discharges certain components or members of the absorbent core may be removed from the absorbent article through the backsheet. New, unsaturated absorbent components or members may then be positioned in place of the removed saturated components or members, or, more preferably, upon removal of the saturated component or member, an additional unused component or member may remain in position for use.

**Inventors**

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**Latest standardized assignees - inventors removed**

PROCTER &amp; GAMBLE

**Publication dates**

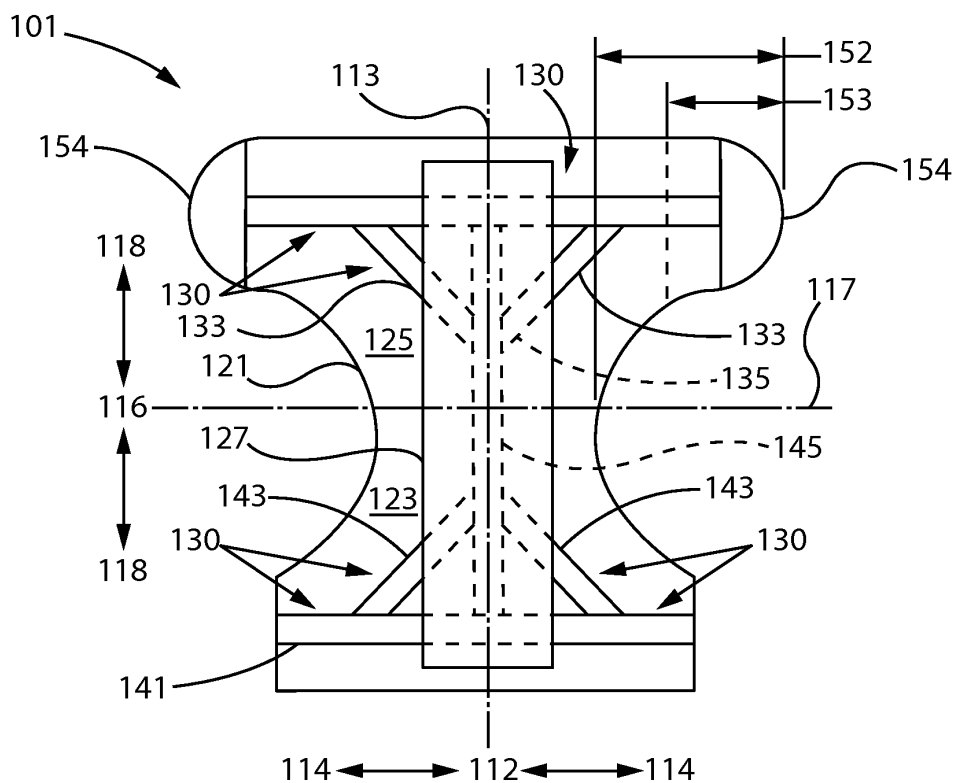
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2006-08-24  
2006-08-29  
2007-08-08  
2008-06-03  
2010-09-08  
2013-03-20

Family 3/7 - FAMPAT - ©Questel

**Title**

(EP2391324)

Reusable outer cover for an absorbent article

**Images****Publication data including kind & date**

|                               |    |            |               |
|-------------------------------|----|------------|---------------|
| <a href="#">US20100176033</a> | A1 | 2010-07-15 | US20100176033 |
| <a href="#">US20100179502</a> | A1 | 2010-07-15 | US20100179502 |
| <a href="#">US20100179499</a> | A1 | 2010-07-15 | US20100179499 |
| <a href="#">US20100179498</a> | A1 | 2010-07-15 | US20100179498 |
| <a href="#">WO2010083396</a>  | A1 | 2010-07-22 | WO2010083396  |
| <a href="#">WO2010083398</a>  | A1 | 2010-07-22 | WO2010083398  |
| <a href="#">WO2010083394</a>  | A1 | 2010-07-22 | WO2010083394  |
| <a href="#">CA2749976</a>     | A1 | 2010-07-22 | CA2749976     |
| <a href="#">CA2749944</a>     | A1 | 2010-07-22 | CA2749944     |
| <a href="#">CA2749942</a>     | A1 | 2010-07-22 | CA2749942     |
| <a href="#">WO2010083306</a>  | A1 | 2010-07-22 | WO2010083306  |
| <a href="#">WO2010083305</a>  | A1 | 2010-07-22 | WO2010083305  |
| <a href="#">CA2749913</a>     | A1 | 2010-07-22 | CA2749913     |
| <a href="#">CA2749486</a>     | A1 | 2010-07-22 | CA2749486     |
| <a href="#">MX2011007579</a>  | A  | 2011-08-04 | MX2011007579  |
| <a href="#">MX2011007576</a>  | A  | 2011-08-04 | MX2011007576  |
| <a href="#">MX2011007572</a>  | A  | 2011-08-04 | MX2011007572  |
| <a href="#">MX2011007570</a>  | A  | 2011-08-04 | MX2011007570  |
| <a href="#">MX2011007569</a>  | A  | 2011-08-04 | MX2011007569  |



|                |    |            |                |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|----------------|----|------------|----------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| EP2376045      | A1 | 2011-10-19 | EP2376045      |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
| EP2376044      | A1 | 2011-10-19 | EP2376044      |    |    |    |    |
| EP2376043      | A1 | 2011-10-19 | EP2376043      |    |    |    |    |
| EP2376042      | A1 | 2011-10-19 | EP2376042      |    |    |    |    |
| EP2391324      | A1 | 2011-12-07 | EP2391324      |    |    |    |    |
| CN102281851    | A  | 2011-12-14 | CN102281851    |    |    |    |    |
| CN102281849    | A  | 2011-12-14 | CN102281849    |    |    |    |    |
| CN102281846    | A  | 2011-12-14 | CN102281846    |    |    |    |    |
| CN102281847    | A  | 2011-12-14 | CN102281847    |    |    |    |    |
| CN102281844    | A  | 2011-12-14 | CN102281844    |    |    |    |    |
| DE202010017694 | U1 | 2012-06-14 | DE202010017694 |    |    |    |    |
| JP2012514529   | A  | 2012-06-28 | JP2012514529   |    |    |    |    |
| JP2012514528   | A  | 2012-06-28 | JP2012514528   |    |    |    |    |
| JP2012514506   | A  | 2012-06-28 | JP2012514506   |    |    |    |    |
| JP2012514527   | A  | 2012-06-28 | JP2012514527   |    |    |    |    |
| JP2012514505   | A  | 2012-06-28 | JP2012514505   |    |    |    |    |
| BRPI1006889    | A1 | 2012-11-20 | BR201006889    |    |    |    |    |
| BRPI1006801    | A1 | 2012-11-20 | BR201006801    |    |    |    |    |
| BRPI1006803    | A1 | 2012-11-20 | BR201006803    |    |    |    |    |
| BRPI1007489    | A1 | 2012-11-20 | BR201007489    |    |    |    |    |
| BRPI1006887    | A1 | 2012-11-20 | BR201006887    |   |   |   |   |
| JP5242808      | B2 | 2013-07-24 | JP5242808      |  |  |  |  |
| US20130226122  | A1 | 2013-08-29 | US20130226122  |  |  |  |  |
| JP5400173      | B2 | 2014-01-29 | JP5400173      |  |  |  |  |
| JP5497067      | B2 | 2014-05-21 | JP5497067      |  |  |  |  |
| CN102281844    | B  | 2014-07-16 | CN102281844B   |  |  |  |  |
| JP5591826      | B2 | 2014-09-17 | JP5591826      |  |  |  |  |
| CA2749976      | C  | 2014-10-14 | CA2749976      |  |  |  |  |
| CN102281847    | B  | 2014-10-22 | CN102281847B   |  |  |  |  |
| EP2391324      | A4 | 2014-12-17 | EP2391324      |  |  |  |  |
| US8998870      | B2 | 2015-04-07 | US8998870      |  |  |  |  |
| CN102281851    | B  | 2015-04-22 | CN102281851B   |  |  |  |  |
| US9089456      | B2 | 2015-07-28 | US9089456      |  |  |  |  |
| BRPI1006887    | A2 | 2016-01-26 | BR201006887    |  |  |  |  |
| BRPI1006887    | A2 | 2016-01-26 | BRPI1006887    |  |  |  |  |
| BRPI1006889    | A2 | 2016-02-02 | BRPI1006889    |  |  |  |  |
| BRPI1007489    | A2 | 2016-02-16 | BR201007489    |  |  |  |  |
| BRPI1007489    | A2 | 2016-02-16 | BRPI1007489    |  |  |  |  |
| BRPI1006801    | A2 | 2016-04-12 | BR201006801    |  |  |  |  |
| BRPI1006801    | A2 | 2016-04-12 | BRPI1006801    |  |  |  |  |
| BRPI1006803    | A2 | 2016-04-12 | BR201006803    |  |  |  |  |
| BRPI1006803    | A2 | 2016-04-12 | BRPI1006803    |  |  |  |  |
| US9387138      | B2 | 2016-07-12 | US9387138      |  |  |  |  |

**Abstract**

(EP2391324)

The present invention relates to a reusable cover for an absorbent article.Said reusable cover for an absorbent article providing two or more features selected from the group of: maintaining skin condition, fitting a range of wearer shapes and sizes, being easily applied, providing conforming fit, and providing sustained fit.

**Inventors**

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**Latest standardized assignees - inventors removed**

PROCTER &amp; GAMBLE

**Publication dates**

2010-07-15

2010-07-15

2010-07-15

2010-07-15

2010-07-22

2010-07-22

2010-07-22

2010-07-22

2010-07-22

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2012-06-28

2012-11-20

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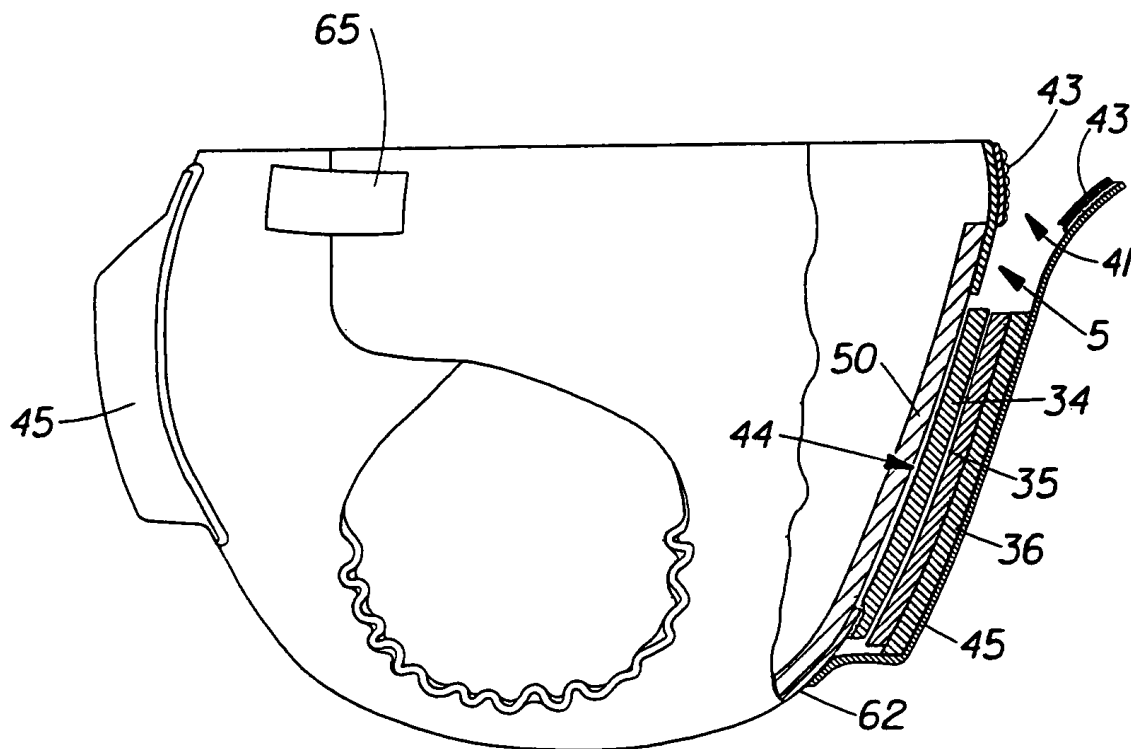
Family 4/7 - FAMPAT - ©Questel

**Title**

(US8075542)

Disposable absorbent articles having multiple absorbent core components including replaceable components

**Images**



**Publication data including kind & date**

|                               |    |            |               |
|-------------------------------|----|------------|---------------|
| <a href="#">US20060206087</a> | A1 | 2006-09-14 | US20060206087 |
| <a href="#">US20060206088</a> | A1 | 2006-09-14 | US20060206088 |
| <a href="#">US20060206086</a> | A1 | 2006-09-14 | US20060206086 |
| <a href="#">US20060217676</a> | A1 | 2006-09-28 | US20060217676 |



|                               |    |            |               |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|-------------------------------|----|------------|---------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <a href="#">US20080058754</a> | A1 | 2008-03-06 | US20080058754 |  |  |  |  |
| <a href="#">US7727218</a>     | B2 | 2010-06-01 | US7727218     |  |  |  |  |
| <a href="#">US7887524</a>     | B2 | 2011-02-15 | US7887524     |  |  |  |  |
| <a href="#">US8075542</a>     | B2 | 2011-12-13 | US8075542     |                                                                                   |                                                                                    |                                                                                     |                                                                                     |

**Abstract**

(US8075542)

A disposable absorbent article adapted to be worn about a lower torso of a human body and having a chassis, a non-removable absorbent core component disposed in a crotch region of the chassis, and a replaceable absorbent core component disposed in capillary liquid communication with the non-removable absorbent core component. The replaceable absorbent core component may be removed and a like component may be substituted in place of the removed component without the removal of the absorbent article from the wearer. The replaceable absorbent core component may be disposed inside an openable chassis pocket, with access for its removal and replacement provided by an aperture in a backsheet, an openable end of an external pocket, or an openable end of an internal pocket formed at an area of a waist end edge where the backsheet and a topsheet may be separated. Additional replaceable absorbent core components may also be incorporated.

**Inventors**

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PROCTER &amp; GAMBLE

**Publication dates**

2006-09-14

2006-09-14

2006-09-14

2006-09-28

2008-03-06

2010-06-01

2011-02-15

2011-12-13

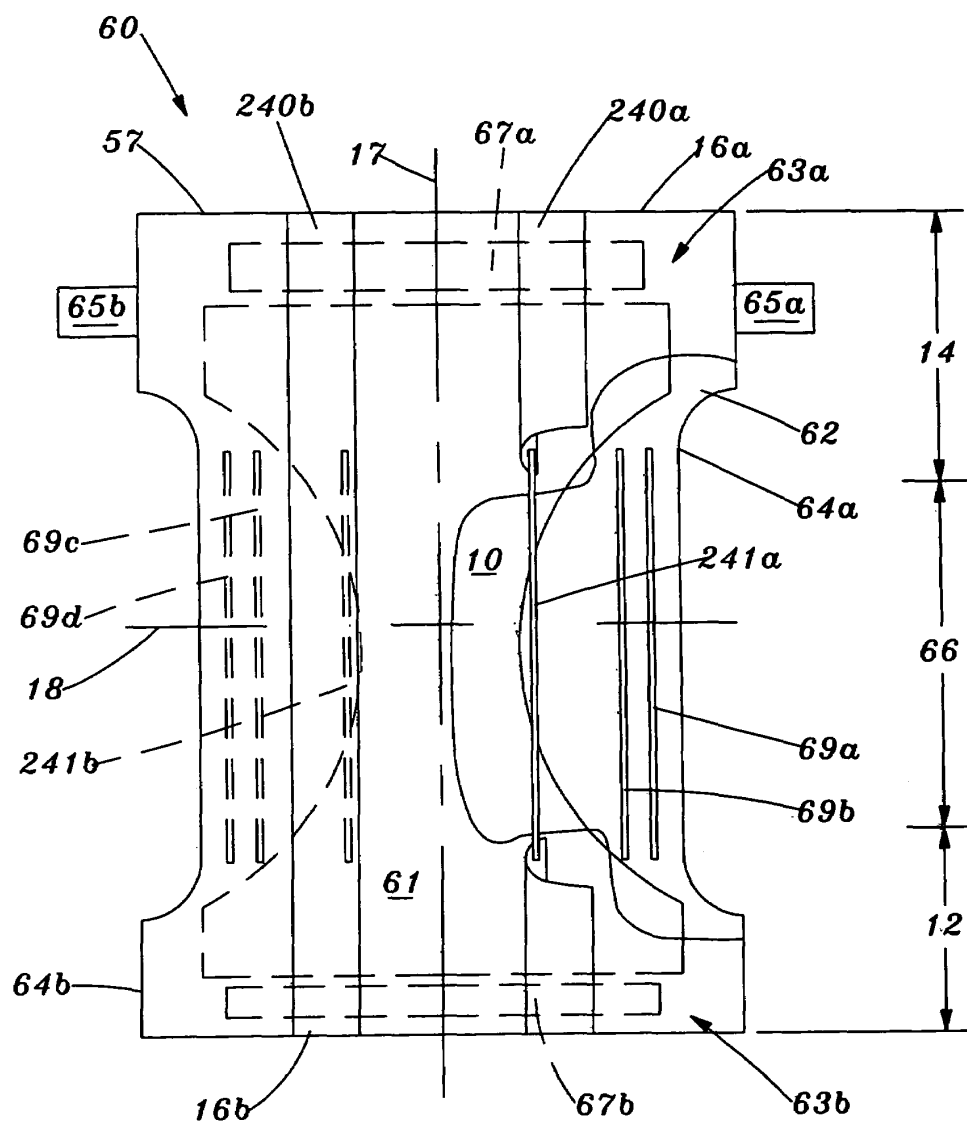
Family 5/7 - FAMPAT - ©Questel

**Title**

(US7601145)

Disposable absorbent articles having multiple absorbent core components including replaceable components

**Images**



#### Publication data including kind & date

|                               |    |            |               |
|-------------------------------|----|------------|---------------|
| <a href="#">US20040024379</a> | A1 | 2004-02-05 | US20040024379 |
| <a href="#">US20040030314</a> | A1 | 2004-02-12 | US20040030314 |
| <a href="#">US7291137</a>     | B2 | 2007-11-06 | US7291137     |
| <a href="#">US7601145</a>     | B2 | 2009-10-13 | US7601145     |



#### Abstract

(US7601145)

A disposable absorbent article adapted to be worn about a lower torso of a human body and having a chassis, a non-removable absorbent core component disposed in a crotch region of the chassis, and one or more replaceable absorbent core component or components disposed in capillary liquid communication with the non-removable absorbent core component. The replaceable absorbent core component may be removed and a like component may be substituted in place of the removed component without the removal of the absorbent article from the wearer. The replaceable absorbent core component may be disposed inside an openable chassis pocket, with access for its removal and replacement provided by an aperture in a garment-facing layer, an openable end of an external pocket, or an openable end of an internal pocket formed at an area of a waist end edge where the garment-facing layer and a wearer-facing layer may be separated.

#### Inventors

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Latest standardized assignees - inventors removed

PROCTER &amp; GAMBLE

**Publication dates**

2004-02-05

2004-02-12

2007-11-06

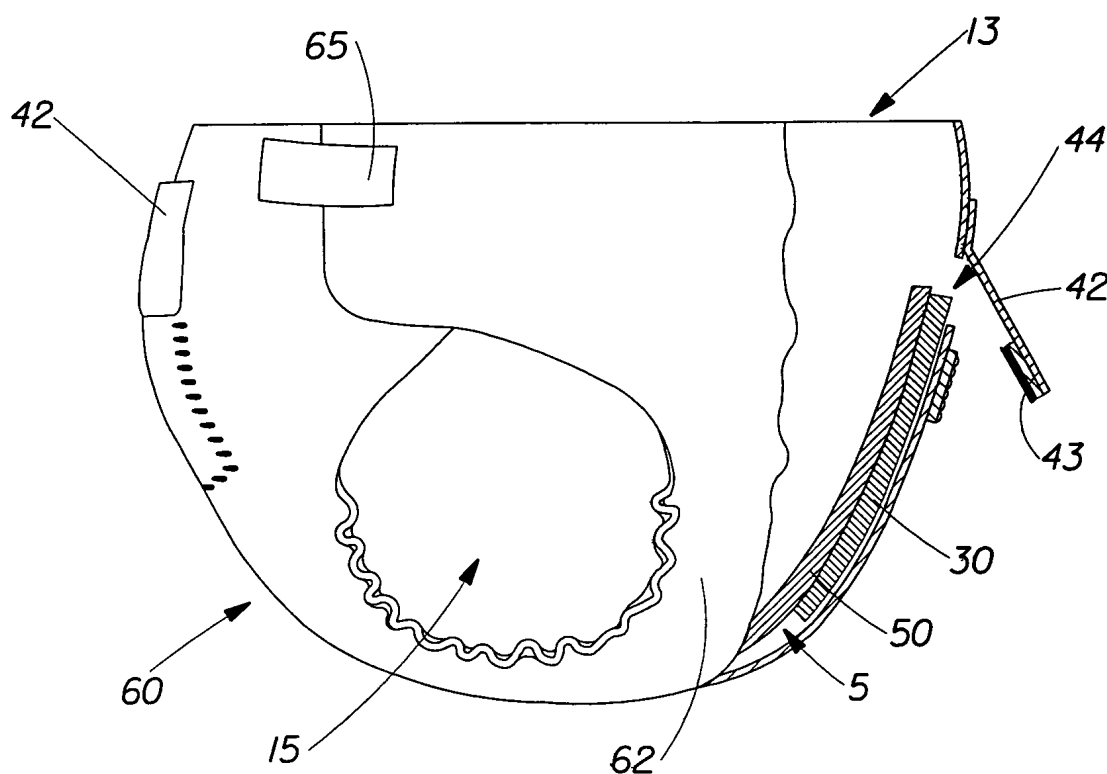
2009-10-13

Family 6/7 - FAMPAT - ©Questel

**Title**

(US7670324)

Disposable absorbent articles with replaceable absorbent core components having regions of permeability and impermeability on same surface

**Images****Publication data including kind & date**

|                               |    |            |               |
|-------------------------------|----|------------|---------------|
| <a href="#">US20030199844</a> | A1 | 2003-10-23 | US20030199844 |
| <a href="#">US7670324</a>     | B2 | 2010-03-02 | US7670324     |

**Abstract**

(US7670324)

A disposable absorbent article adapted to be worn about a lower torso of a human body and having a chassis, a non-removable absorbent core component disposed in a crotch region of the chassis, and a replaceable absorbent core component disposed in capillary liquid communication with the non-removable absorbent core component and having longitudinally disposed regions of liquid permeability and liquid impermeability on the same surface. The replaceable absorbent core component may be removed and a like component may be substituted without the removal of the absorbent article from the wearer. The replaceable absorbent core component may be disposed inside an openable chassis pocket,

with access for its removal and replacement provided by an aperture in a backsheet, an openable end of an external pocket, or an openable end of an internal pocket formed at an area of a waist end edge where the backsheet and a topsheet may be separated.

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**Latest standardized assignees - inventors removed**

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**Publication dates**

2003-10-23

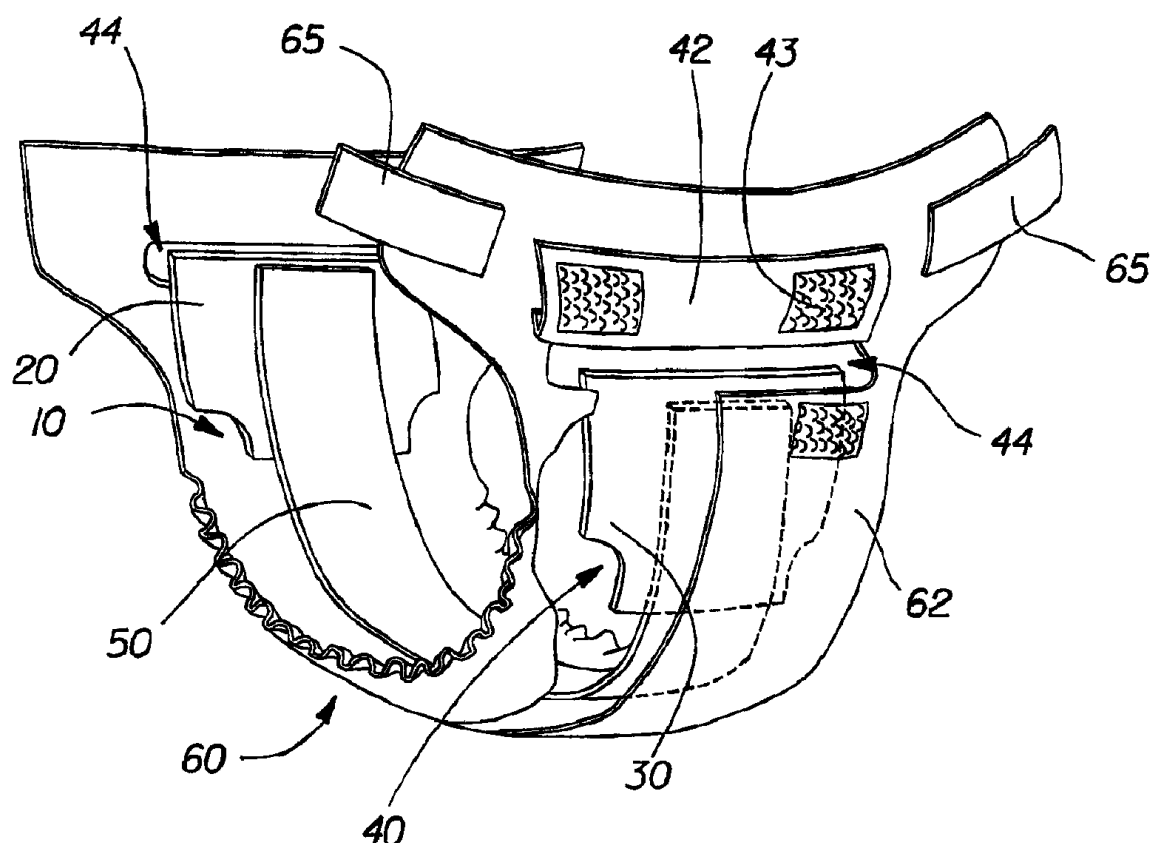
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**Title**

(CA2594235)

Disposable absorbent articles having multiple absorbent core components including replaceable components

**Images****Publication data including kind & date**

|                           |    |            |           |
|---------------------------|----|------------|-----------|
| <a href="#">CA2594570</a> | A1 | 2004-06-17 | CA2594570 |
| <a href="#">CA2594558</a> | A1 | 2004-06-17 | CA2594558 |
| <a href="#">CA2594242</a> | A1 | 2004-06-17 | CA2594242 |
| <a href="#">CA2594235</a> | A1 | 2004-06-17 | CA2594235 |

**Abstract**

(CA2594235)

A disposable absorbent article adapted to be worn about a lower torso of a human body and having a chassis, a non-removable absorbent core component disposed in a crotch region of the chassis, and a replaceable absorbent core component disposed in capillary liquid communication with the non-removable absorbent core component. The replaceable absorbent core component may be removed and a like component may be substituted in place of the removed component without the removal of the absorbent article from the wearer. The replaceable absorbent core component may be disposed inside an openable chassis pocket, with access for its removal and replacement provided by an aperture in a backsheet, an openable end of an external pocket, or an openable end of an internal pocket formed at an area of a waist end edge where the backsheet and a topsheet may be separated. Additional replaceable absorbent core components may also be incorporated.

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