Number of documents: 14

US20020040534	System and process for drying a shoe PROCTER & GAMBLE
US5998695	Absorbent article including ionic complexing agent for feces PROCTER & GAMBLE
WO200000227	Absorbent article including a calcium-based feces modification agent PROCTER & GAMBLE
US6399853	Disposable article having fecal component sensor PROCTER & GAMBLE
WO200000151	Disposable absorbent article having a responsive system including an electrical actuator PROCTER & GAMBLE
WO200000119	Disposable absorbent article with liquid activated waste passage layer PROCTER & GAMBLE
WO200000144	Disposable absorbent article having a discontinuous responsive system PROCTER & GAMBLE
WO200000150	Disposable absorbant article having a responsive system including a feedback control loop PROCTER & GAMBLE
WO200200091	System and process for drying a shoe PROCTER & GAMBLE
ZA9810376	Absorbent article having improved viscous fluid bodily waste management properties PROCTER & GAMBLE
WO200029668	A method for forming a web from aerosuspension of fibrous material HNOBUM OOO TEK PRAGMATIC VISION PROCTER & GAMBLE
WO200028138	A device for feeding fibrous aerosuspension onto forming wire of paper-making machine HNOBUM OOO TEK PRAGMATIC VISION PROCTER & GAMBLE
WO200036212	Aerodynamic method for making tissue paper HNOBUM OOO TEK PRAGMATIC VISION
WO200028139	Method for forming web from aerosuspension of fibrous material HNOBUM OOO TEK PRAGMATIC VISION

System and process for drying a shoe
US20020040534

- **Patent Assignee**
  PROCTER & GAMBLE
- **Inventor**
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  SIKLOSI MICHAEL PETER

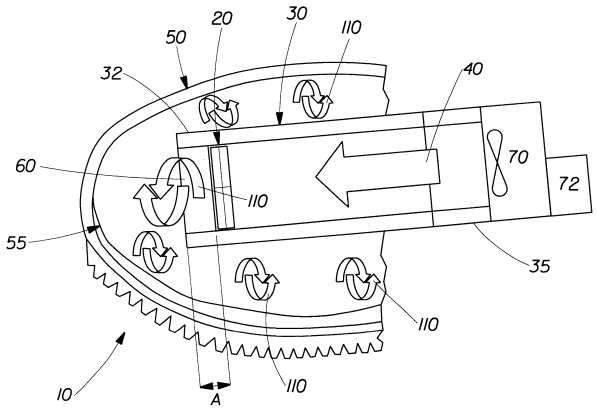
- **International Patent Classification**
  A47L-023/20
- **US Patent Classification**
  PCLO=034437000 PCLX=034104000 PCLX=034201000
  PCLX=034202000 PCLX=034235000 PCLX=034439000
- **CPC Code**
  A47L-023/20/5

- **Publication Information**
  US2002040534 A1 2002-04-11 [US20020040534]
- **Priority Details**
  2000US-60214634 2000-06-28
  2001US-09891846 2001-06-26

- **Fampat family**

US2002040534	A1	2002-04-11	[US20020040534]
US6606801	B2	2003-08-19	[US6606801]

- **Abstract:**
  (US6606801)
  A system and process for drying a shoe, for example a leather shoe comprising a fan operable to produce an air flow, a heating element and at least one duct having at least one outlet, which is adapted to direct a portion of the air flow into a shoe. Additionally, the shoe drying system provides a drying effectiveness of at least 70 g/hr within the first hour of drying.



Absorbent article including ionic complexing agent for feces
US5998695

- **Patent Assignee**
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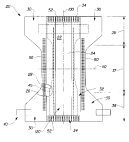
  GOLDMAN STEPHEN ALLEN
  GAVRILENKO KONSTANTIN
  LOGATCHEV DMITRY
  PAVLOV SERGEY
  BUROV LEV
  NOVOZHILOVA ALEKSANDRA
  WHITE BRIAN RONALD
  CHRISTISON JOHN
- **International Patent Classification**
  A61F-005/44 A61F-005/441 A61F-013/15 A61F-013/472 A61F-013/49 A61F-013/534 A61L-015/18 A61L-015/20 A61L-015/34 A61L-015/42
- **US Patent Classification**
  PCLO=604367000 PCLX=604368000
- **CPC Code**
  A61L-015/18; A61L-015/20; A61L-015/34; A61L-015/42

- **Publication Information**
  US5998695 A 1999-12-07 [US5998695]
- **Priority Details**
  1998US-09106483 1998-06-29
  1999WO-US14682 1999-06-29

- **Fampat family**

US5998695	A	1999-12-07	[US5998695]
WO200000240	A1	2000-01-06	[WO200000240]
CA2335972	A1	2000-01-06	[CA2335972]
AU4842799	A	2000-01-17	[AU9948427]
TW409049	B	2000-10-21	[TW-409049]
PE07922000	A1	2000-11-04	[PE200000792]
BR9911544	A	2001-03-20	[BR9911544]
BRPI9911544	A1	2001-03-20	[BR199911544]
EP1089771	A1	2001-04-11	[EP1089771]
ID28305	A	2001-05-10	[ID--28305]
TR200003814	T2	2001-06-21	[TR200003814]
KR20010053285	A	2001-06-25	[KR20010053285]
IN0433/DELNP/2000	A	2001-08-04	[IN2000DN00433]
CN1311696	A	2001-09-05	[CN1311696]
ID29599	A	2001-09-06	[ID--29599]
HU0103380	A2	2002-01-28	[HU200103380]
IL140344	A	2002-02-10	[IL-140344]
ZA200007365	A	2002-03-11	[ZA200007365]
AR019735	A1	2002-03-13	[AR--19735]
JP2002519119	A	2002-07-02	[JP2002519119]
EP1089771	B1	2003-05-02	[EP1089771]
AT238817	T	2003-05-15	[ATE238817]
DE69907457	D1	2003-06-05	[DE69907457]
DE69907457	T2	2004-03-18	[DE69907457]
MY133824	A	2007-11-30	[MY-133824]
BRPI9911544	A2	2011-12-13	[BR199911544]

- **Abstract:**
  (WO200000240)
  An absorbent article adapted to receive feces having a first waist region, a second waist region opposed to the first waist region, a crotch region disposed between the first waist region and the second waist region, the absorbent article comprising: 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 an ionic complexing feces modifying agent disposed in the article such that the ionic complexing feces modifying agent is available to contact at least a portion of the feces deposited in the article.

Absorbent article including a calcium-based feces modification agent
WO200000227

- **Patent Assignee**
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  BUROV LEV
  NOVOZHILOVA ALEKSANDRA
- **International Patent Classification**
  A61F-005/44 A61F-005/441 A61F-013/15 A61F-013/472 A61F-013/49 A61L-015/18
- **US Patent Classification**
  PCLO=604367000 PCLX=604364000 PCLX=604368000
- **CPC Code**
  A61F-013/495; A61L-015/18

- **Publication Information**
  WO200000227 A1 2000-01-06 [WO200000227]
- **Priority Details**
  1998US-09106222 1998-06-29
  1999WO-US14681 1999-06-29

- **Fampat family**

WO200000227	A1	2000-01-06	[WO200000227]
CA2336159	A1	2000-01-06	[CA2336159]
AU4842699	A	2000-01-17	[AU9948426]
US6018093	A	2000-01-25	[US6018093]
PE07212000	A1	2000-10-14	[PE200000721]
BR9911455	A	2001-03-20	[BR9911455]
BRPI9911455	A1	2001-03-20	[BR199911455]
EP1091769	A1	2001-04-18	[EP1091769]
TR200003815	T2	2001-06-21	[TR200003815]
KR20010053085	A	2001-06-25	[KR20010053085]
IN0432/DELNP/2000	A	2001-08-04	[IN2000DN00432]
CN1311697	A	2001-09-05	[CN1311697]
IL140343	A	2002-02-10	[IL-140343]
ZA200007363	A	2002-03-11	[ZA200007363]
AR019734	A1	2002-03-13	[AR--19734]
HU0105002	A2	2002-04-29	[HU200105002]
JP2002519113	A	2002-07-02	[JP2002519113]
HU0105002	A3	2004-05-28	[HU200105002]
JP4818510	B2	2011-11-16	[JP4818510]
BRPI9911455	A2	2011-12-13	[BR199911455]

- **Abstract:**

(EP1091769)
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. (From US6018093 A)

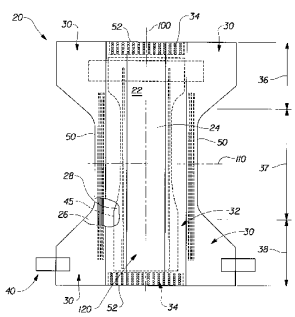

Fig. 1

Disposable article having fecal component sensor
US6399853

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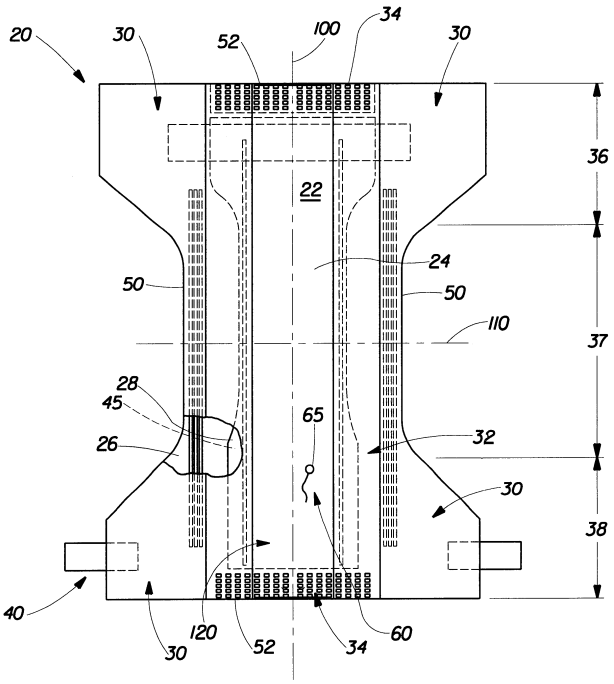
  KRUCHININ MIKHAIL L
  KHOMIAKOV OLEG N
- **International Patent Classification**
  A61F-013/15 A61F-013/82 A61L-015/18 A61L-015/20 A61L-015/24 A61L-015/26 A61L-015/56 G01N-033/48 G01N-033/483 G01N-033/487 G01N-033/52 G01N-033/53 G01N-033/569
- **US Patent Classification**
  PCLO=604362000 PCLX=604361000
- **CPC Code**
  A61F-013/495; A61F-013/82; A61F-2013/8473; A61F-2013/8479; A61L-015/18; A61L-015/20; A61L-015/24; A61L-015/26; A61L-015/56; G01N-033/48; G01N-033/52/8; G01N-033/53/08 G01N-033/569;

- **Publication Information**
  US6399853 B1 2002-06-04 [US6399853]
- **Priority Details**
  1998US-09106225 1998-06-29
  1998US-09107561 1998-06-29
  1998US-60090993 1998-06-29
  1999US-09342308 1999-06-29
  1999US-60131073 1999-04-26

- **Fampat family**

US6399853	B1	2002-06-04	[US6399853]

- **Abstract:**
  (US6399853)
  The present invention is directed to a disposable article that comprises a sensor adapted to detect one or more specific health and/or nutrition markers in the wearer's feces. The article may also signal the caretaker, the wearer, or an actuator of the occurrence.



Disposable absorbent article having a responsive system including an electrical actuator

WO200000151

- **Patent Assignee**
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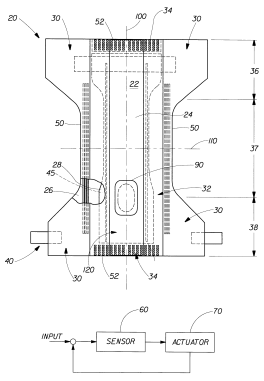
  SCHMIDT MATIAS
  KRUCHININ MIKHAIL
  LITVIN SIMON SOLOMONOVICH
  KHOMJAKOV OLEG NIKOLAEVICH
  COLES PETER
- **International Patent Classification**
  A61F-005/44 A61F-013/15 A61F-013/42 A61F-013/472 A61F-013/49 A61F-013/534 A61F-013/82 A61L-015/18 A61L-015/20 A61L-015/24 A61L-015/26 A61L-015/56 G01N-027/00 G01N-033/483 G01N-033/487 G01N-033/53
- **US Patent Classification**
  PCLO=604361000 PCLX=604358000 PCLX=604359000 PCLX=604360000 PCLX=604362000 PCLX=604367000 PCLX=604378000 PCLX=604385010 PCLX=604385101 PCLX=604385120
- **CPC Code**
  A61F-013/42; A61F-013/495; A61F-013/82; A61F-2013/8473; A61F-2013/8479; A61L-015/18; A61L-015/20; A61L-015/24; A61L-015/26; A61L-015/56 G01N-033/53/08;

- **Publication Information**
  WO200000151 A1 2000-01-06 [WO200000151]
- **Priority Details**
  1998US-60090993 1998-06-29
  1999US-09342766 1999-06-29
  1999WO-US14885 1999-06-29

- **Fampat family**

WO200000151	A1	2000-01-06	[WO200000151]
CA2333957	A1	2000-01-06	[CA2333957]
AU4850599	A	2000-01-17	[AU9948505]
PE07302000	A1	2000-10-20	[PE200000730]
TW416843	B	2001-01-01	[TW-416843]
EP1091720	A1	2001-04-18	[EP1091720]
AR019736	A1	2002-03-13	[AR--19736]
US6384296	B1	2002-05-07	[US6384296]
JP2002519110	A	2002-07-02	[JP2002519110]
EP1091720	B1	2004-05-19	[EP1091720]
AT266991	T	2004-06-15	[ATE266991]
DE69917455	D1	2004-06-24	[DE69917455]
DE69917455	T2	2005-05-12	[DE69917455]
JP4727040	B2	2011-07-20	[JP4727040]

- **Abstract:**
  (WO200000151)
  Disposable article such as diapers, incontinent briefs, diaper holders and/or inserts, training pants, feminine hygiene garments, tampons and the like having a responsive system including an electrical actuator. The responsive system may respond continuously or discontinuously. A continuous responsive system of the present invention further includes a feedback control loop. A discontinuous responsive system of the present invention may include either a feedback control loop or an open loop.



Disposable absorbent article with liquid activated waste passage layer
WO200000119

- **Patent Assignee**
  PROCTER & GAMBLE
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  SCHMIDT MATIAS
  TETZ VICTOR VENIAMINOVICH
  LITVIN SIMON SOLOMONOVICH
  PINYAYEV ALEKSEY MIKHAILOVICH
  KHOMJAKOV OLEG NIKOLAEVICH
- **International Patent Classification**
  A61F-005/44 A61F-013/00 A61F-013/15 A61F-013/49 A61F-013/511 A61F-013/534
- **US Patent Classification**
  PCLO=604378000 PCLO=604378000 PCLX=604364000 PCLX=604385010 PCLX=604385190 PCLX=604385230
- **CPC Code**
  A61F-013/15/211; A61F-013/495; A61F-013/512

- **Publication Information**
  WO200000119 A2 2000-01-06 [WO200000119]
- **Priority Details**
  1998US-09106423 1998-06-29
  1999WO-US14883 1999-06-29
  2000US-09669079 2000-09-25

- **Fampat family**

WO200000119	A2	2000-01-06	[WO200000119]
CA2333874	A1	2000-01-06	[CA2333874]
AU4850399	A	2000-01-17	[AU9948503]
TW406014	B	2000-09-21	[TW-406014]
US6160200	A	2000-12-12	[US6160200]
WO200000119	A3	2001-03-08	[WO200000119]
BR9911323	A	2001-03-20	[BR9911323]
BRPI9911323	A1	2001-03-20	[BR199911323]
EP1094775	A2	2001-05-02	[EP1094775]
IN0377/DELNP/2000	A	2001-07-21	[IN2000DN00377]
KR20010071662	A	2001-07-31	[KR20010071662]
ZA200006956	A	2001-08-14	[ZA200006956]
CN1308518	A	2001-08-15	[CN1308518]
US6410821	B1	2002-06-25	[US6410821]
JP2002519101	A	2002-07-02	[JP2002519101]
CN1126526	C	2003-11-05	[CN1126526C]
EP1094775	B1	2004-05-19	[EP1094775]
AT266992	T	2004-06-15	[ATE266992]
DE69917457	D1	2004-06-24	[DE69917457]
DE69917457	T2	2005-05-12	[DE69917457]
JP4489293	B2	2010-06-23	[JP4489293]

- **Abstract:**

(WO200000119)
The present invention provides an absorbent article having a first waist region, an opposed second waist region, a crotch region disposed between the first waist region and the second waist region. The absorbent article preferably comprises a liquid impervious backsheet material, an absorbent core and a directionally preferential waste passage member. The waste passage member has a body facing surface and an opposed garment facing surface, at least a portion of the body facing surface of the waste passage member including a soluble material capable of dissolving when contacted by bodily exudates so as to permit the bodily exudates to pass through the waste passage member in a direction generally away from the wearer's skin. At least a portion of the garment facing

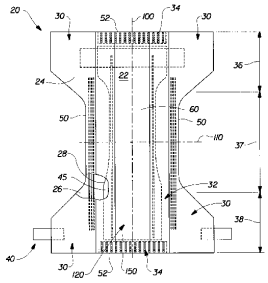

Fig. 1

surface of the waste passage member includes a barrier material which resists penetration by the bodily exudates in a direction opposite from the first direction. The waste activated barrier member is preferably disposed in at least a portion of the crotch region of the absorbent article.

Disposable absorbent article having a discontinuous responsive system
WO200000144

- **Patent Assignee**
  PROCTER & GAMBLE
- **Inventor**
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  EHRNSPERGER BRUNO JOHANNES
  SCHMIDT MATIAS
  RONN KARL PATRICK
  KRUCHININ MIKHAIL
  LITVIN SIMON SOLOMONOVICH
  KHOMJAKOV OLEG NIKOLAEVICH
- **International Patent Classification**
  A61F-005/44 A61F-005/445 A61F-005/452 A61F-013/15 A61F-013/20 A61F-013/42 A61F-013/472 A61F-013/49
- **US Patent Classification**
  PCLO=604361000 PCLX=604358000 PCLX=604359000 PCLX=604360000 PCLX=604362000 PCLX=604367000 PCLX=604378000 PCLX=604385010 PCLX=604385101 PCLX=604385120
- **CPC Code**
  A61F-013/42 A61F-013/495;

- **Publication Information**
  WO200000144 A2 2000-01-06 [WO200000144]
- **Priority Details**
  1998US-09106424 1998-06-29
  1999WO-US14661 1999-06-29

- **Fampat family**

WO200000144	A2	2000-01-06	[WO200000144]
CA2336069	A1	2000-01-06	[CA2336069]
AU4841899	A	2000-01-17	[AU9948418]
PE07192000	A1	2000-10-14	[PE200000719]
US6160198	A	2000-12-12	[US6160198]
BR9911652	A	2001-03-20	[BR9911652]
BRPI9911652	A1	2001-03-20	[BR199911652]
ID28644	A	2001-06-21	[ID--28644]
KR20010053284	A	2001-06-25	[KR20010053284]
IN0435/DELNP/2000	A	2001-08-04	[IN2000DN00435]
CZ20004891	A3	2001-08-15	[CZ200004891]
EP1143898	A2	2001-10-17	[EP1143898]
WO200000144	A3	2001-11-01	[WO200000144]
TR200003813	T2	2001-11-21	[TR200003813]
IL140345	A	2002-02-10	[IL-140345]
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AR019879	A1	2002-03-20	[AR--19879]
TW482663	B	2002-04-11	[TW-482663]
JP2002519106	A	2002-07-02	[JP2002519106]
EP1143898	A3	2002-09-11	[EP1143898]
HU0203062	A2	2002-12-28	[HU200203062]
EP1143898	B1	2003-08-13	[EP1143898]
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ES2201734	T3	2004-03-16	[ES2201734]
DE69910435	T2	2004-06-24	[DE69910435]
CN1547458	A	2004-11-17	[CN1547458]
CA2336069	C	2005-04-05	[CA2336069]
JP4531256	B2	2010-08-25	[JP4531256]

- **Abstract:**
  (WO200000144)
  Disposable articles such as diapers, incontinent briefs, diaper holders and/or inserts, training pants, feminine hygiene garments, tampons, and the like, having a responsive system.

The article includes a sensor that detects an input, an actuator that is adapted to perform a responsive function upon the input, and a feedback control loop in which the actuator is adapted to perform the responsive function upon the input in a discontinuous manner. The responsive system may include an open loop or a closed loop system.

Disposable absorbant article having a responsive system including a feedback control loop

WO200000150

- **Patent Assignee**
  PROCTER & GAMBLE

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  RONN KARL PATRICK
  KRUCHININ MIKHAIL
  LITVIN SIMON SOLOMONOVICH
  KHOMJAKOV OLEG NIKOLAEVICH

- **International Patent Classification**
  A61F-005/44 A61F-013/15 A61F-013/42 A61F-013/49 A61F-013/511 A61F-013/534 A61F-013/82 A61L-015/18 A61L-015/20 A61L-015/24 A61L-015/26 A61L-015/42 A61L-015/56 G01N-027/00 G01N-033/483 G01N-033/487 G01N-033/52 G01N-033/53 G01N-033/543 G01N-033/72 G01N-033/84

- **US Patent Classification**
  PCLO=604361000 PCLO=604385190 PCLO=604361000 PCLO=604361000 PCLX=604358000 PCLX=604359000 PCLX=604360000 PCLX=604361000 PCLX=604362000 PCLX=604367000 PCLX=604368000 PCLX=604378000 PCLX=604385010 PCLX=604385101 PCLX=604385120 PCLX=604385160 PCLX=604385220

- **CPC Code**
  A61F-013/42; A61F-013/495; A61F-013/82; A61F-013/84; A61F-2013/8473; A61F-2013/8479; A61L-015/18; A61L-015/20; A61L-015/24; A61L-015/26; A61L-015/42; A61L-015/56 A61L-015/56; G01N-033/52/8; G01N-033/53/08; G01N-033/543/66; G01N-033/72/5; G01N-033/84; G01N-2333/59

- **Publication Information**
  WO200000150 A1 2000-01-06 [WO200000150]

- **Priority Details**
  1998US-09106225 1998-06-29
  1998US-09107563 1998-06-29
  1998US-60090993 1998-06-29
  1999US-09299399 1999-04-26
  1999US-09342298 1999-06-29
  1999WO-US14663 1999-06-29
  1999WO-US14882 1999-06-29
  2004US-10753669 2004-01-08

- **Fampat family**

WO200000150	A1	2000-01-06	[WO200000150]
WO200000145	A2	2000-01-06	[WO200000145]
CA2333767	A1	2000-01-06	[CA2333767]
CA2336068	A1	2000-01-06	[CA2336068]
AU4962299	A	2000-01-17	[AU9949622]
AU4850299	A	2000-01-17	[AU9948502]
WO200000145	A9	2000-03-30	[WO200000145]
WO200000145	A3	2000-06-15	[WO200000145]
US6093869	A	2000-07-25	[US6093869]
PE07362000	A1	2000-10-20	[PE200000736]
TW410155	B	2000-11-01	[TW-410155]
PE12952000	A1	2000-11-05	[PE200001295]
TW416842	B	2001-01-01	[TW-416842]
AR014077	A1	2001-01-31	[AR--14077]
BR9911749	A	2001-04-03	[BR9911749]
BRPI9911749	A1	2001-04-03	[BR199911749]
EP1091719	A1	2001-04-18	[EP1091719]
EP1091716	A2	2001-04-18	[EP1091716]
KR20010053233	A	2001-06-25	[KR20010053233]
IN0420/DELNP/2000	A	2001-08-04	[IN2000DN00420]
CN1313743	A	2001-09-19	[CN1313743]
ZA200007461	A	2002-03-13	[ZA200007461]
AR020598	A1	2002-05-22	[AR--20598]
JP2002519109	A	2002-07-02	[JP2002519109]
JP2002519107	A	2002-07-02	[JP2002519107]
US6432097	B1	2002-08-13	[US6432097]

EP1091716	B1	2003-08-13	[EP1091716]
AT246911	T	2003-08-15	[ATE246911]
EP1091719	B1	2003-08-20	[EP1091719]
AT247447	T	2003-09-15	[ATE247447]
DE69910387	D1	2003-09-18	[DE69910387]
DE69910577	D1	2003-09-25	[DE69910577]
US6713660	B1	2004-03-30	[US6713660]
DE69910577	T2	2004-06-24	[DE69910577]
DE69910387	T2	2004-06-24	[DE69910387]
US2004172000	A1	2004-09-02	[US20040172000]
JP4485057	B2	2010-06-16	[JP4485057]
JP2010207595	A	2010-09-24	[JP2010207595]
US7982088	B2	2011-07-19	[US7982088]
BRPI9911749	A2	2011-12-06	[BR199911749]

- **Abstract:**

(WO200000150)
Disposable articles such as diapers, incontinent briefs, diaper holders and/or inserts, training pants, feminine hygiene garments, tampons, and the like, having a responsive system. The article includes a sensor that detects an input, an actuator that is adapted to perform a responsive function upon the input, and a feedback control loop in which the actuator is adapted to perform the responsive function upon the input when the sensor detects the input.

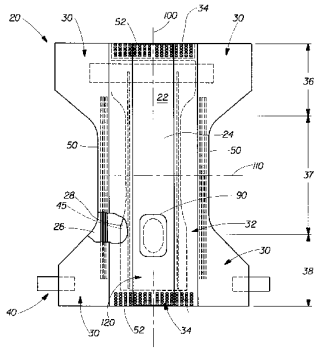

Fig. 1

System and process for drying a shoe
WO200200091

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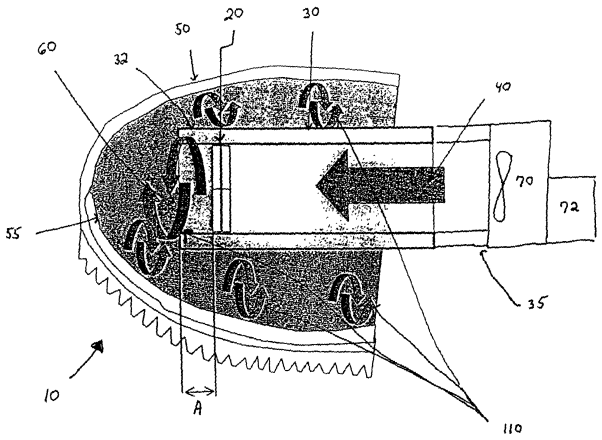
  STRANG JANINE MORGENS
- **International Patent Classification**
  A47L-023/20
- **CPC Code**
  A47L-023/20/5

- **Publication Information**
  WO200200091 A2 2002-01-03 [WO200200091]
- **Priority Details**
  2000US-09693224 2000-10-20
  2000US-60214634 2000-06-28
  2001WO-US20654 2001-06-27

- **Fampat family**

WO200200091	A2	2002-01-03	[WO200200091]
AU7159401	A	2002-01-08	[AU200171594]
WO200200091	A3	2002-08-22	[WO200200091]
EP1294270	A2	2003-03-26	[EP1294270]
WO200200091	A8	2003-11-06	[WO200200091]
JP2004500946	A	2004-01-15	[JP2004500946]

- **Abstract:**
  (EP1294270)
  A system (10) and process for drying a shoe (50), for example a leather shoe comprising a fan (70) operable to produce an air flow (40), a heating element (72) and at least one duct (30) having at least one outlet, which is adapted to direct a portion of the air flow into a shoe. Additionally, the shoe drying system (10) provides a drying effectiveness of at least 70 g/hr within the first hour of drying. (From WO200200091 A8)



Absorbent article having improved viscous fluid bodily waste management properties

ZA9810376

- **Patent Assignee**
  PROCTER & GAMBLE
- **Inventor**
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  MASON OLIVER EDWIN CLARKE
  PINYAYEV ALEKSEY MIKHAILOVICH
- **International Patent Classification**
  A61F-005/44 A61F-013/15 A61F-013/49 A61F-013/494 A61F-013/53 A61F-013/534 A61K-013/15
- **US Patent Classification**
  PCLO=604378000 PCLX=604358000 PCLX=604385230
- **CPC Code**
  A61F-013/15/203 A61F-013/15/203; A61F-013/495; A61F-013/512; A61F-2013/15463

- **Publication Information**
  ZA9810376 A 1999-05-14 [ZA9810376]
- **Priority Details**
  1997US-08970508 1997-11-14
  1997US-08970509 1997-11-14
  1997US-08970870 1997-11-14
  1998WO-US24389 1998-11-16

- **Fampat family**

ZA9810376	A	1999-05-14	[ZA9810376]
WO9925294	A1	1999-05-27	[WO9925294]
CA2310052	A1	1999-05-27	[CA2310052]
AU1525299	A	1999-06-07	[AU9915252]
US5957906	A	1999-09-28	[US5957906]
PE00372000	A1	2000-03-15	[PE200000037]
EP1030636	A1	2000-08-30	[EP1030636]
BR9814870	A	2000-10-03	[BR9814870]
BRPI9814870	A1	2000-10-03	[BR199814870]
TR200002132	T2	2000-11-21	[TR200002132]
TW418084	B	2001-01-11	[TW-418084]
VN5130	A	2001-01-29	[VN---5130]
CN1285730	A	2001-02-28	[CN1285730]
KR20010032106	A	2001-04-16	[KR20010032106]
ID28308	A	2001-05-10	[ID--28308]
IL136107	A	2001-05-20	[IL-136107]
HU0100107	A2	2001-05-28	[HU200100107]
HU0100107	A3	2001-06-28	[HU200100107]
CO5070648	A1	2001-08-28	[CO5070648A1]
AR017408	A1	2001-09-05	[AR--17408]
JP2001522701	A	2001-11-20	[JP2001522701]
EG21758	A	2002-02-27	[EG--21758]
EP1030636	B1	2003-03-12	[EP1030636]
AT234057	T	2003-03-15	[ATE234057]
DE69812147	D1	2003-04-17	[DE69812147]
ES2189278	T3	2003-07-01	[ES2189278]
PT1030636	E	2003-07-31	[PT1030636]
DE69812147	T2	2003-10-16	[DE69812147]
HK1032188	A1	2003-12-24	[HK1032188]

- **Abstract:**
  (WO9925294)
  An absorbent article comprising a liquid pervious topsheet, a liquid pervious 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 a waste management element disposed in at least a portion of the crotch region. The waste management element preferably has an Acceptance Under Pressure value of greater than about 0.50 grams of a viscous fluid bodily waste per square inch of the waste management element per milliJoule of energy input. The

waste management element preferably also has a Storage Under Pressure value of at least about 0.70 grams of the viscous fluid bodily waste per square inch of the waste management element. The waste management element may also have an Immobilization Under Compressed Inversion value of greater than about 70 % of the viscous fluid bodily waste accepted by the waste management element.

A method for forming a web from aerosuspension of fibrous material WO200029668

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- **Inventor**
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- **International Patent Classification**
  B27N-003/04 D21F-001/00 D21F-001/02 D21F-009/00 D21F-011/00 D21H-027/00
- **CPC Code**
  D21F-009/00

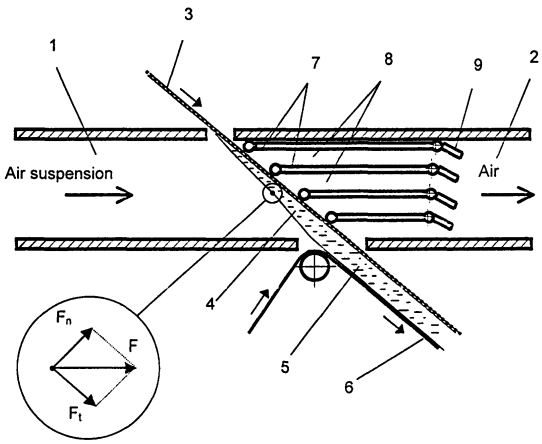
- **Publication Information**
  WO200029668 A1 2000-05-25 [WO200029668]
- **Priority Details**
  1998RU-0121054 1998-11-16
  1999WO-US24730 1999-10-25

- **Fampat family**

WO200029668	A1	2000-05-25	[WO200029668]
CA2350508	A1	2000-05-25	[CA2350508]
AU1220600	A	2000-06-05	[AU200012206]
WO200029668	A8	2000-07-20	[WO200029668]
RU2157867	C2	2000-10-20	[RU2157867]
EP1196655	A1	2002-04-17	[EP1196655]

- **Abstract:**

(EP1196655)
pulp-and-paper industry. SUBSTANCE: method involves feeding aerosuspension onto movable forming grid inclined relative to aerosuspension flow; removing air component from aerosuspension by means of suction device positioned at reverse side of grid. Inclination angle alpha of forming grid in the direction of movement of grid in countercurrency to aerosuspension flow is selected from ratio arcctg (Vs/Vf+) <alpha <arcctg (Vs/Vf-), where Vs is speed of forming grid; Vf is rate of filtering of air via layer of formed fabric and forming grid by means of suction device at set stationary air flow rate from aerosuspension into suction device; η is coefficient of filament sliding friction against forming grid. As a result, produced fabric is prevented from shifting under the action of aerodynamic pressure of aerosuspension flow. Method allows extent of homogeneity of produced paper to be increased. EFFECT: increased efficiency and improved quality of paper fabric. 1 dwg, 1 tbl (From RU2157867 C2)



A device for feeding fibrous aerosuspension onto forming wire of paper-making machine

WO200028138

- **Patent Assignee**
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- **Inventor**
  DROBOSYUK VIKTOR MIKHAILOVICH
- **International Patent Classification**
  D21F-001/02 D21F-001/42 D21F-009/00
- **CPC Code**
  D21F-009/00

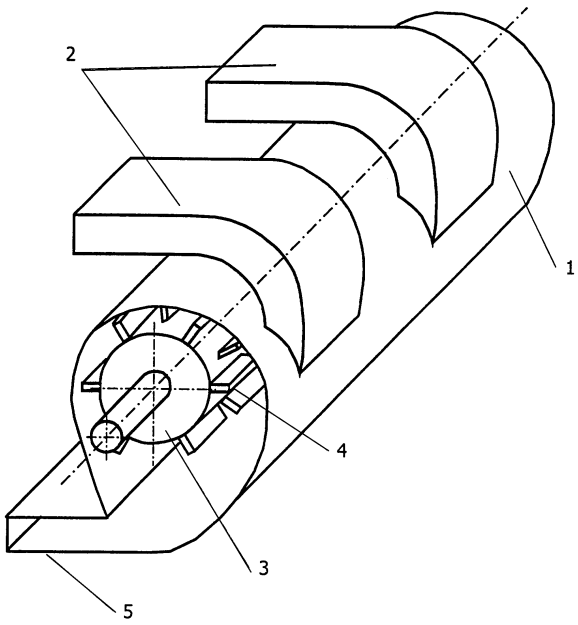
- **Publication Information**
  WO200028138 A2 2000-05-18 [WO200028138]
- **Priority Details**
  1998RU-0120376 1998-11-10
  1999WO-US24743 1999-10-25

- **Fampat family**

WO200028138	A2	2000-05-18	[WO200028138]
CA2349294	A1	2000-05-18	[CA2349294]
AU1220900	A	2000-05-29	[AU200012209]
RU2160804	C2	2000-12-20	[RU2160804]
WO200028138	A3	2001-11-08	[WO200028138]
CN1332820	A	2002-01-23	[CN1332820]
EP1181410	A2	2002-02-27	[EP1181410]
JP2002529620	A	2002-09-10	[JP2002529620]
TW579403	B	2004-03-11	[TW-579403]
CN1165657	C	2004-09-08	[CN1165657C]

- **Abstract:**

(EP1181410)
A device for feeding fibrous aerosuspension onto a forming wire of a paper-making machine comprises a cylindrical body, a plurality of input channels, and an output channel. A rotor having a plurality of rotor blades attached thereto is mounted within the cylindrical body. The aerosuspension flow enters the device through the input channels from a plurality of dispersers. The rotor agitates the aerosuspension flow so that the output channel provides an aerosuspension flow having a uniform distribution of fibers across the width of the forming wire. (From TW579403 B)



Aerodynamic method for making tissue paper
WO200036212

- **Patent Assignee**
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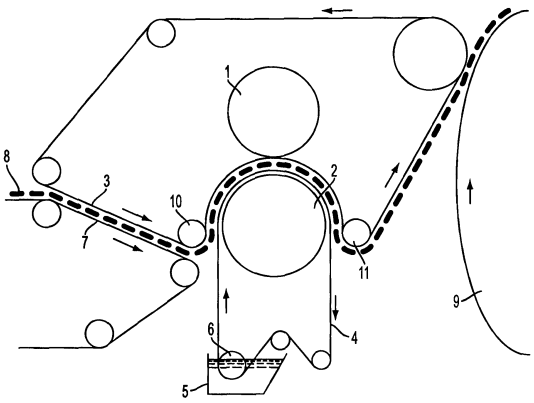
- **International Patent Classification**
  D21F-009/00 D21F-011/00 D21F-011/14 D21H-027/00
- **CPC Code**
  D21F-009/00; D21F-011/00/6; D21F-011/14

- **Publication Information**
  WO200036212 A2 2000-06-22 [WO200036212]
- **Priority Details**
  1998RU-0122569 1998-12-15
  1999WO-US24732 1999-10-25

- **Fampat family**

WO200036212	A2	2000-06-22	[WO200036212]
CA2350479	A1	2000-06-22	[CA2350479]
AU1220700	A	2000-07-03	[AU200012207]
RU2159304	C2	2000-11-20	[RU2159304]
WO200036212	A3	2000-11-23	[WO200036212]
EP1141479	A2	2001-10-10	[EP1141479]
EP1141479	B1	2004-02-25	[EP1141479]
AT260359	T	2004-03-15	[ATE260359]
DE69915116	D1	2004-04-01	[DE69915116]
DE69915116	T2	2004-10-28	[DE69915116]

- **Abstract:**
  (WO200036212)
  An aerodynamic method of making tissue paper comprises the steps of preparing an aerosuspension out of cellulose fibers, forming a layer of fibers (8) on a forming wire (7), moistening the formed layer of fibers and pressing and drying of said formed layer. The step of moistening the layer of fibers is performed concurrently with the step of pressing, for which purpose the layer of fibers is placed between the profiling (3) and moistening (4) belts. The surface of the profiling belt (3) comprises protruding elements (14), wherein a distance between two mutually-adjacent protruding elements doesn't exceed an average length of the fibers. A wire with smoothed nodes (14) of interweaving threads can be used as the profiling belt, while fine-mesh wire can be used as a moistening belt. Selective moistening of fibers only in the areas being pressed eliminates moistening of the entire layer, and drying of the paper web requires significantly less expenditures of time and energy. Shrinkage of the paper web is also minimized because the non-pressed areas of fibrous layer don't practically get moistened.



Method for forming web from aerosuspension of fibrous material
WO200028139

- **Patent Assignee**
  HNOBUM OOO TEK PRAGMATIC VISION
- **Inventor**
  DROBOSYUK VIKTOR MIKHAILOVICH
- **International Patent Classification**
  B27N-003/00 D21F-001/00 D21F-001/02 D21F-009/00 D21H-027/00
- **CPC Code**
  D21F-009/00

- **Publication Information**
  WO200028139 A1 2000-05-18 [WO200028139]
- **Priority Details**
  1998RU-0120377 1998-11-10
  1999WO-US24729 1999-10-25

- **Fampat family**

WO200028139	A1	2000-05-18	[WO200028139]
CA2350129	A1	2000-05-18	[CA2350129]
AU1220500	A	2000-05-29	[AU200012205]
RU2169223	C2	2001-06-20	[RU2169223]
EP1157164	A1	2001-11-28	[EP1157164]
EP1157164	B1	2004-03-31	[EP1157164]
AT263275	T	2004-04-15	[ATE263275]
DE69916129	D1	2004-05-06	[DE69916129]

- **Abstract:**
  (WO200028139)
  A process for forming a web by aerodynamic method comprises feeding an aerosuspension onto a moving forming wire positioned at an inclination angle alpha relative to the aerosuspension flow and removing an air component of the above aerosuspension by means of a suction device located on a backside of the wire, with the incline angle alpha being selected by the equation arcctg(Vw/Vf + 2ROOT eta) < alpha < arcctg(Vw/Vf - 2ROOT eta), where: Vw - velocity of forming wire; Vf - air filtration rate through a layer of formed web and wire provided by a suction device at a steady stationary airflow from the aerosuspension into the suction device. As a result, a possible shear of the formed web caused by the aerodynamic pressure of aerosuspension flow is prevented, which permits production of paper having a high degree of uniformity.