



New connection on: : 11-10-2018 : 01:02:29 - Last disconnection on: : 11-10-2018 : 01:00:15

V 4.0.0.44358(LP,U,linux) (Rev:43856 2017-04-27 09:03:29 +0200#(D201802)) (RPM D201802)

Welcome to EPOQUE Rebuild under the Production Environment

[EPODOC: SS 9] **activat+** and (carbon or charcoal or coal) and **absorb+** and article

Results in EPODOC 85

[SS 10] 9 and (permeable or pervious) and (layer or sheet)

Results in EPODOC 7

[SS 11] ..li



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PN - [TW449468B](#) B 20010811

PR - JP19990140652 19990520; JP20000013558 20000121

AP - TW20000109646 20000519

DT - I

CCI - [A61F13/8405](#)

CCA - [Y10T442/668](#) ; [Y10T442/2508](#) ; [Y10T442/659](#) ; [Y10T442/647](#) ; [Y10T442/651](#)

PA - KAO CORP [JP]

TI - **Absorbent article** and the use of **absorbent article** for body fluid absorption

AB - An **absorbent article** having a liquid **permeable** top **layer**, a liquid impermeable leakproof **layer**, and a liquid retentive **absorbent layer** interposed between the layers, wherein the **absorbent layer** has an odor-controlling member containing (a) 20 to 80% by weight of specific hydrophilic fiber or hydrophilic foam and (b) an odor-controlling agent including odor-preventing agents such as chelating agents, odor-**absorbing** agents and odor-decomposing agents such as neutral **activated carbon**, acids, zeolite and iron phthalocyanine, and aromatizers such as alcoholic perfumes, the odor-controlling member 9 being composed of a **layer** made up of a mutually dispersing mixture of component (a) and component (b) or being composed of adjacent layers separately comprising component (a) and component (b).

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PN - [JP2001104370](#) A 20010417

PR - JP19990287774 19991008

AP - JP19990287774 19991008



DT	- I
FI	- A41B13/02&B; A41B13/02&N; A61F13/15&141; A61F13/18&380A; A61F13/53&300; A61F5/441
FT	- 3B029/BA04; 3B029/BA12; 3B029/BA18; 3B029/BC03; 3B029/BC06; 3B029/BD22; 3B200/AA01; 3B200/AA03; 3B200/BB14; 3B200/BB23; 3B200/CA01; 3B200/DB20; 4C003/AA08; 4C003/AA19; 4C003/AA23; 4C003/AA26; 4C003/CA06; 4C003/HA01; 4C098/AA08; 4C098/DD02; 4C098/DD03; 4C098/DD16; 4C098/DD19; 4C098/DD23
PA	- OJI PAPER CO
TI	- ABSORBENT ARTICLE
AB	- PROBLEM TO BE SOLVED: To provide an absorbent article capable of eliminating odor components resulting from body odor, in addition to odor components resulting from excrement. SOLUTION: The absorbent article comprises a liquid- permeable front sheet , a liquid-impermeable back sheet , and an absorbent positioned between both sheets. The absorbent contains modified activated carbon of 10 to 50 wt.% per unit weight of the absorbent , the modified activated carbon comprising acid- modified activated carbon whose surface is treated with an acidic substance, alkali- modified activated carbon whose surface is treated with an alkali, and amine-modified activated carbon having an amine compound added to its surface, with the acid-modified activated carbon , the alkali- modified activated carbon and

the amine-modified **activated carbon** blended together in a ratio of 5-30:5-30:40-90.

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PN - [JP2001037805](#) A 20010213
PNFP - JP4346165B B2 20091021
PR - JP19990214335 19990728
AP - JP19990214335 19990728
DT - I
FI - A41B13/02&N; A61F13/15&141; A61F13/18&380A; A61F13/511&400; A61F5/44&H
FT - 3B029/BA04; 3B029/BA16; 3B029/BD22; 3B200/AA01; 3B200/AA03; 3B200/BA03; 3B200/BA15; 3B200/BB23; 3B200/CA11; 3B200/DA14; 3B200/DB20; 3B200/DC07; 4C003/HA01; 4C098/AA09; 4C098/CC03; 4C098/CC10; 4C098/CC16; 4C098/DD04; 4C098/DD05; 4C098/DD06; 4C098/DD14; 4C098/DD19
PA - (A)
KAO CORP
TI - (A)
ABSORBENT ARTICLE
AB - (A)
PROBLEM TO BE SOLVED: To provide an **absorbent article** such as a physiological napkin with excellent deodorization of a bad smell and good appearance. SOLUTION: In this **absorbent article** provided with a liquid **permeable** surface **sheet** 2, a liquid impermeable leakage preventive **sheet** 3, and a liquid holding **absorbent** 4 interposed between both layers, the **absorbent** 4 contains **activated carbon**, and a liquid **permeable** concealed **sheet** 5 is arranged between the surface **sheet** 2 and the **absorbent** 3, and the L value of the **absorbent article** 1 measured from the side of the surface **sheet** 2 is larger at least 5 points than the L value of the **absorbent** 4.

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PN - [JP2000201973](#) A 20000725
PR - JP19990010266 19990119
AP - JP19990010266 19990119
DT - I
FI - A41B13/02&D; A41B13/02&F; A41B13/02&N; A61F13/15&141; A61F13/18&307Z; A61F13/18&380A; A61F13/18&380B; A61F13/472&200; A61F13/514&210; A61F13/53&300; A61F13/534&100; A61F13/535&200
FT - 3B029/BA04; 3B029/BA05;



3B029/BA18; 3B029/BC06;
3B029/BC07; 3B029/BD15;
3B029/BD16; 3B029/BD18;
3B029/BD22; 3B029/HB05;
3B200/AA01; 3B200/AA03;
3B200/BA05; 3B200/BA07;
3B200/BB17; 3B200/BB18;
3B200/BB21; 3B200/BB22;
3B200/BB23; 3B200/DB06;
3B200/DB12; 3B200/DB18;
3B200/DB20; 3B200/DD01;
3B200/DD04; 3B200/EA05;
4C003/AA02; 4C003/AA06;
4C003/AA26; 4C003/EA02;
4C003/HA01; 4C098/AA09;
4C098/CC03; 4C098/CC16

- PA - SHISEIDO CO LTD
- TI - HUMOR ABSORPTIVE **ARTICLE**
- AB - PROBLEM TO BE SOLVED: To provide an absorptive **article** wearer with a sense of relief through effective deodorization without providing the wearer with an unhygienic feeling even if using **activated carbon** by positively deodorizing all kinds of odors such as sulfurous odor, acid odor and basic odor produced from discharges and humors. SOLUTION: A humor **absorbing layer** 3 is formed between a back face **sheet** 2 and a water **permeable** surface **sheet** 1, and a deodorant comprising **activated carbon** 10, zinc oxide 11 and a high water absorptive polymer 12 is arranged at the **absorbing layer** 3 to form an absorptive **article** positively deodorizing various odors such as sulfurous odor, acid odor and basic odor produced from discharges and humors, with the **activated carbon** and zinc oxide. Basic odor deodorizing effect can be improved by using a high water

absorptive polymer.

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- PN - [JP2000201972](#) A 20000725
- PR - JP19990008732 19990118
- AP - JP19990008732 19990118
- DT - I
- FI - A41B13/02&N; A41B9/02&Q; A41B9/12&E; A61F13/00&351F; A61F13/15&141; A61F13/18&380A; A61F13/472&200; A61F13/514&210; A61F13/53&300; A61F13/534&100; A61F13/535&200; A61F5/44&H; D06M11/00&Z; D06M11/74
- FT - 3B028/EB11; 3B028/EB31; 3B028/EC10; 3B028/EC16; 3B028/KA01; 3B029/BA04; 3B029/BA05; 3B029/BC06; 3B029/BC07; 3B029/BD15; 3B029/BD18; 3B029/BD22; 3B029/HB05; 3B128/EB11; 3B128/EB31; 3B128/EC10; 3B128/EC16; 3B128/KA01; 3B200/AA01; 3B200/AA03; 3B200/BA05; 3B200/BA07; 3B200/BB02; 3B200/BB03; 3B200/BB23; 3B200/DA14; 3B200/DA16; 3B200/DB06; 3B200/DB12; 3B200/DB20; 3B200/DD01; 3B200/DD04; 4C003/HA01; 4C098/AA09; 4C098/CC03; 4C098/CD10; 4C098/DD19; 4L031/BA02; 4L031/DA08; 4L031/DA13
- PA - SHISEIDO CO LTD
- TI - HUMOR ABSORPTIVE **ARTICLE**
- AB - PROBLEM TO BE SOLVED: To provide a product agreeable to the touch and providing an absorptive **article** wearer with a sense of relief through deodorizing effect without providing the wearer with an unhygienic feeling by mixing **activated carbon** in a humor absorptive **article** to effectively deodorize malodor components produced from humors and discharges. SOLUTION: A humor **absorbing layer** 12 is formed between a back face **sheet** 11 and a water **permeable** surface **sheet** 10, and a deodorant comprising **activated carbon** 15 is arranged on the surface **sheet** 10 side of the **absorbing layer** 12 to form this humor absorptive **article**. Malodor components produced from humors and discharges can therefore be effectively deodorized, and the **activated carbon** is arranged on the surface **sheet** side of the absorptive **article**. The contact ratio between the malodor components and **activated carbon** is therefore heightened to sufficiently exhibit the deodorizing effect of the **activated carbon**, thus attaining positive deodorization.

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- PN - [GB2393732](#) A 20040407
- PR - GB20020023069 20021004
- AP - GB20020023069 20021004
- DT - *; Rep
- CT - || STSE (A)
[GB2250908](#) A 19920624 [] (MAC TAGGART ERIC MONCRIEF [GB], et al);
[EP0526637](#) A1 19930210 [] (KIRIBAI KAGAKU KOGYO KK [JP]);
[US3951127](#) A 19760420 []

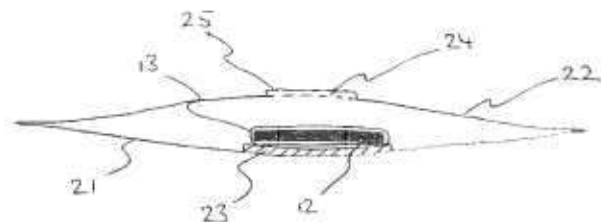
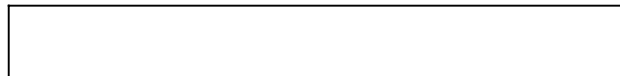


Figure 1

] (WATSON SUSAN STEVES, et al);
[US3976049](#) A 19760824 [
] (YAMASHITA IWAO, et al);
[US4872442](#) A 19891010 [
] (MANKER CHARLES F [US]);
[US5984995](#) A 19991116 [
] (WHITE RICHARD KEIM [US])
 CCI - [A61F7/034](#) ; [C09K5/18](#) ;
[F24V30/00](#)
 PA - CRAIG MED PROD LTD [GB]
 TI - Heat generating
 formulation/device
 AB - A heat generating **article**
 comprises a coherent/solid
 mass of iron powder 12,
 surrounded by gas **permeable**
 inner wrapping 13, and
 positioned between overlapping
 sheets 21, 22. **Sheet** 21 is
 adjacent to a patient when in
 use, and may have insulating
 later 23. **Sheet** 22 is formed with
 apertures 24, sealed by
 removable cover 25. On removal
 of **sheet** 25, oxygen contacts the
 heat-generating iron, thus
 initiating an exothermic
 reaction. The formulation may
 also comprise sodium chloride
 solution, and **absorbent**
 material, **activated carbon**, and a
 binder. The iron powder may be
 formed into a strip or tablet by
 compression. The heat-
 generating device may be
 incorporated into a blanket. It
 may be disposable and sterile.

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PN - [CN2686376Y](#) Y 20050323
 PR - CN2004211531U 20040213
 AP - CN2004211531U 20040213
 DT - I
 PA - WANG DONGZHI [CN]
 TI - Disposable shoe pad
 AB - The utility model relates to a



disposable shoe pad, belonging to an **article** for daily use. The disposable shoe pad takes usual cloth or nonwoven as a surface **layer** and one or two combinations among **absorbent** paper, dust-free paper and wood pulp as an inner core **layer**; Wherein the **absorbent** paper contains water absorption resin, and the dust-free paper and the wood pulp contain or do not contain water absorption resin. The material of the inner core **layer** can adopt a structure that a single **layer** and a plurality of layers are overlapped according to the thickness of commercial material adopted for the inner core **layer** and the thickness of the shoe pad needing to fabricate. The disposable shoe pad has the positive effects of that the surface **layer** cloth selected for the shoe pad has toughness and avorable water **permeable** and air **permeable** performances, and the surface of the shoe pad is easy to keep dry; the **absorbent** paper, the dust-free paper and the wood pulp contain water absorption resin with favorable effects of water absorption and deodorization, and the dust-free paper and the wood pulp have the functions of thickening, warming and keeping the shoe pad dry; **Activated carbon** cloth has the advantages of deodorization, poison absorption and water absorption besides toughness and favorable water **permeable** and air **permeable** performances. The disposable shoe pad has low fabrication cost and disposable use can be

realized.

[SS 11]