

Title (en)

ABSORBENT ARTICLES HAVING LOTIONED LEG CUFFS CONTAINING A POLYSILOXANE EMOLLIENT

Title (de)

ABSORBIERENDE ARTIKELN MIT POLYSILOXANERWEICHER ENHALTENDEN LOTIONIERTEN BEINRÄNDERN

Title (fr)

ARTICLES ABSORBANTS AVEC PARTIES TOUR DE JAMBE ENDUITES DE LOTION CONTENANT UN EMOLLIENT A BASE DE POLYSILOXANE

Publication

EP 0977603 A1 20000209 (EN)

Application

EP 98912678 A 19980423

Priority

- IB 9800618 W 19980423
- US 84003997 A 19970424

Abstract (en)

[origin: WO9847546A1] An absorbent article, such as a diaper, containing leg cuffs coated with a lotion composition is disclosed. The lotions disclosed in the present invention minimize the abrasion between the cuffs and skin in the area where the cuffs contact the wearer's skin, resulting in less skin irritation. The lotion compositions also reduce the adherence of BM to the skin of the wearer, thereby improving the ease of BM clean up. The lotion composition comprises a plastic or fluid polysiloxane emollient such as phenyl-functional polymethylsiloxanes, an immobilizing agent such as a fatty alcohol or paraffin wax to immobilize the emollient on the surface of the diaper leg cuffs, and optionally a hydrophilic surfactant to improve the processability and/or stability of the lotion compositions. Because the polysiloxane emollient is substantially immobilized on the surface of the leg cuff, less lotion is required to impart the desired therapeutic or protective lotion coating benefits.

IPC 1-7

A61L 15/26; **A61L 15/22**; **A61L 15/34**; **A61L 15/46**

IPC 8 full level

A61F 5/44 (2006.01); **A61F 13/15** (2006.01); **A61L 15/22** (2006.01); **A61L 15/26** (2006.01); **A61F 13/494** (2006.01); **A61L 15/46** (2006.01); **C08L 83/04** (2006.01)

CPC (source: EP KR)

A61L 15/225 (2013.01 - EP); **A61L 15/26** (2013.01 - EP KR); **A61L 15/34** (2013.01 - EP); **A61L 15/46** (2013.01 - EP); **A61L 2300/30** (2013.01 - EP); **A61L 2300/802** (2013.01 - EP)

C-Set (source: EP)

1. **A61L 15/225** + **C08L 83/04**
2. **A61L 15/26** + **C08L 83/04**

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

WO 9847546 A1 19981029; AR 015594 A1 20010516; AU 6743998 A 19981113; BR 9810929 A 20000926; CA 2285620 A1 19981029; CN 1257433 A 20000621; CO 5040080 A1 20010529; EP 0977603 A1 20000209; HU P0001235 A2 20000828; ID 24052 A 20000706; IL 132321 A0 20010319; JP 2000510371 A 20000815; KR 20010012103 A 20010215; NO 995166 D0 19991022; NO 995166 L 19991227; PE 83599 A1 19991015; TR 199902610 T2 20000221; TW 366281 B 19990811; ZA 983401 B 19981027

DOCDB simple family (application)

IB 9800618 W 19980423; AR P980101887 A 19980423; AU 6743998 A 19980423; BR 9810929 A 19980423; CA 2285620 A 19980423; CN 98805464 A 19980423; CO 98022675 A 19980424; EP 98912678 A 19980423; HU P0001235 A 19980423; ID 991273 A 19980423; IL 13232198 A 19980423; JP 54535798 A 19980423; KR 19997009805 A 19991022; NO 995166 A 19991022; PE 00030698 A 19980424; TR 9902610 T 19980423; TW 87116224 A 19980930; ZA 983401 A 19980422