

Title (en)
Absorbent brief.

Title (de)
Saugfähige Hose.

Title (fr)
Culotte absorbante.

Publication
EP 0000969 A1 19790307 (EN)

Application
EP 78200142 A 19780818

Priority
US 82903577 A 19770830

Abstract (en)
A disposable absorbent brief having substantially straight parallel elastic members (10) on either side of the crotch and separate means to secure the brief to the wearer's thighs and to the wearer's waist, said brief being especially adapted for use by wearers having adult leg configurations. The securement means (15) which forms a thigh seal is placed within an anchoring region of the brief comprising the area between the edge of the brief and two line segments which lie transversely outward of the elastic member and which form angles of about 90 and about 140 degrees, respectively, in the plane of the diaper with respect to the elastic member. The apex of these angles is at one functional endpoint of the elastic member. When the brief is worn the elastic member, the securement means, and portions of the material of the brief cooperate to form a fluid-stopping seal around the thigh of the wearer, said seal being located within a plane substantially perpendicular to the thigh bone of the wearer.

IPC 1-7
A41B 13/02; **A61F 5/44**

IPC 8 full level
A41B 9/12 (2006.01); **A61F 5/44** (2006.01); **A61F 13/14** (2006.01); **A41B 9/04** (2006.01); **A61F 13/15** (2006.01); **A61F 13/494** (2006.01); **A61F 13/56** (2006.01)

CPC (source: EP)
A61F 5/4401 (2013.01); **A61F 13/49017** (2013.01); **A61F 13/5644** (2013.01); **A61F 13/49009** (2013.01); **A61F 13/58** (2013.01); **A61F 2013/49076** (2013.01); **A61F 2013/583** (2013.01); **A61F 2013/586** (2013.01)

Citation (search report)
• [D] US 3860003 A 19750114 - BUELL KENNETH BARCLAY
• [P] FR 2345955 A1 19771028 - KIMBERLY CLARK CO [US]
• [A] US 3452753 A 19690701 - SANFORD MABEL M
• [A] FR 2242043 A1 19750328 - COLGATE PALMOLIVE CO [US]

Cited by
EP0066545A1; GB2165457A; FR2487193A1; EP0027303A1; GB2183449A; GB2183449B; DE3623857A1; GB2161384A; US7201743B2; WO2004032812A1; WO9835642A1

Designated contracting state (EPC)
CH DE FR GB LU NL SE

DOCDB simple family (publication)
EP 0000969 A1 19790307; **EP 0000969 B1 19811202**; AT 382303 B 19870210; AT A621278 A 19860715; AU 3934478 A 19800306; AU 523127 B2 19820715; BE 870029 A 19790228; BR 7805607 A 19790508; CA 1124005 A 19820525; DE 2861403 D1 19820128; ES 245360 U 19800301; ES 245360 Y 19800816; GR 65887 B 19801201; IT 1105945 B 19851111; IT 7850871 A0 19780828; JP S5497130 A 19790801; JP S5892310 U 19830622; MX 149437 A 19831107; PH 17107 A 19840601

DOCDB simple family (application)
EP 78200142 A 19780818; AT 621278 A 19780825; AU 3934478 A 19780829; BE 190111 A 19780829; BR 7805607 A 19780829; CA 310234 A 19780829; DE 2861403 T 19780818; ES 245360 U 19780829; GR 780157062 A 19780823; IT 5087178 A 19780828; JP 10618378 A 19780830; JP 12598282 U 19820820; MX 17467678 A 19780829; PH 21537 A 19780825