

Title (en)
CATAMENIAL DEVICE.

Title (de)
BINDE FÜR MONATSBLOTUNG.

Title (fr)
DISPOSITIF CATAMENIAL.

Publication
EP 0639965 A1 19950301 (EN)

Application
EP 93913855 A 19930511

Priority
• EP 92201394 A 19920515
• US 9304525 W 19930511

Abstract (en)
[origin: USH1639H] PCT No. PCT/US93/04525 Sec. 371 Date May 11, 1993 Sec. 102(e) Date Mar. 16, 1995 PCT Filed Mar. 16, 1995 PCT Pub. No. WO93/22998 PCT Pub. Date Nov. 25, 1993A catamenial device comprises a fluid permeable, body facing, topsheet (25), a liquid impermeable barrier layer and an absorbent body (34) disposed between the topsheet (25) and the barrier layer, the absorbent body (34) incorporating a water insoluble particulate hydrogel material at a loading of at least 40 g/m² of the plan area of the absorbent body, the water insoluble particulate hydrogel material having a gel strength of at least 0.38 kPa after 5 minutes exposure to synthetic urine solution in the modified AGE P test, a device incorporating insoluble particulate hydrogel material absorbing at least 40 g sheep's blood in the Total Capacity Storage Test.

IPC 1-7
A61F 13/15; **A61F 13/20**

IPC 8 full level
A61F 13/53 (2006.01); **A61F 13/15** (2006.01); **A61L 15/60** (2006.01)

CPC (source: EP US)
A61F 13/472 (2013.01 - EP US); **A61F 13/47236** (2013.01 - EP US); **A61F 13/476** (2013.01 - EP US); **A61F 13/512** (2013.01 - EP US); **A61F 13/534** (2013.01 - EP US); **A61F 13/47209** (2013.01 - EP US); **A61F 13/537** (2013.01 - EP US); **A61F 2013/153** (2013.01 - EP US); **A61F 2013/15308** (2013.01 - EP US); **A61F 2013/15365** (2013.01 - EP US); **A61F 2013/15382** (2013.01 - EP US); **A61F 2013/49074** (2013.01 - EP US); **A61F 2013/51147** (2013.01 - EP US); **A61F 2013/530489** (2013.01 - EP US); **A61F 2013/530547** (2013.01 - EP US); **A61F 2013/5307** (2013.01 - EP US); **A61F 2013/530708** (2013.01 - EP US); **A61F 2013/530737** (2013.01 - EP US); **A61F 2013/53445** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)
US H1639 H 19970304; AU 4373393 A 19931213; BR 9306369 A 19980630; CA 2135747 A1 19931125; EP 0639965 A1 19950301; EP 0639965 A4 19950524; FI 945359 A0 19941114; FI 945359 A 19950112; JP H07509623 A 19951026; MX 9302847 A 19940228; NO 944304 D0 19941111; NO 944304 L 19950113; WO 9322998 A1 19931125

DOCDB simple family (application)
US 33574695 A 19950316; AU 4373393 A 19930511; BR 9306369 A 19930511; CA 2135747 A 19930511; EP 93913855 A 19930511; FI 945359 A 19941114; JP 50185694 A 19930511; MX 9302847 A 19930514; NO 944304 A 19941111; US 9304525 W 19930511