

Title (en)  
PANTY LINER WITH SENSOR FOR PREDICTING THE START OF MENSTRUATION

Title (de)  
SLIPEINLAGE MIT SENSOR ZUR VORHERSAGE DES MENSTRUATIONSANFANGS

Title (fr)  
PROTEGE-SLIP DOTE DE CAPTEUR CON U POUR PREDIRE LE DEBUT DE LA MENSTRUATION

Publication  
**EP 1173618 A1 20020123 (EN)**

Application  
**EP 00926388 A 20000426**

Priority  
• US 0011206 W 20000426  
• US 29939999 A 19990426  
• US 51744100 A 20000302  
• US 51748100 A 20000302

Abstract (en)  
[origin: WO0065348A2] A disposable article to be fitted to a wearer and other types of articles having a detection device, such as a diagnostic panel that may, in one set of embodiments, include at least one biosensor, each including at least one bio-recognition element. The biosensor is adapted to detect a target biological analyte in body substances, and on/or through the wearer's skin. The diagnostic panel may be adapted to determine the physical condition or state of well being of a mammal, or the cause of a particular disease state, such as diarrhea, vaginal infections, sexually transmitted diseases ("STD's"), and other diseases, and to signal the caretaker, the wearer, or an actuator of the occurrence. Examples of physical conditions of the state of well being include, but are not limited to, ovulation and the onset of menstruation.

IPC 1-7  
**C12Q 1/68**; **G01N 33/74**; **G01N 33/72**; **G01N 33/52**

IPC 8 full level  
**G01N 31/22** (2006.01); **A61B 10/00** (2006.01); **A61F 5/44** (2006.01); **A61F 13/00** (2006.01); **A61F 13/02** (2006.01); **A61F 13/15** (2006.01); **A61F 13/20** (2006.01); **A61F 13/42** (2006.01); **A61F 13/472** (2006.01); **A61F 13/49** (2006.01); **A61F 13/511** (2006.01); **A61F 13/82** (2006.01); **A61L 15/42** (2006.01); **A61L 15/56** (2006.01); **C12M 1/34** (2006.01); **G01N 21/76** (2006.01); **G01N 21/78** (2006.01); **G01N 21/80** (2006.01); **G01N 33/487** (2006.01); **G01N 33/49** (2006.01); **G01N 33/50** (2006.01); **G01N 33/52** (2006.01); **G01N 33/53** (2006.01); **G01N 33/543** (2006.01); **G01N 33/72** (2006.01); **G01N 33/74** (2006.01); **G01N 33/84** (2006.01)

CPC (source: EP)  
**A61F 13/42** (2013.01); **A61F 13/47263** (2013.01); **A61F 13/82** (2013.01); **A61F 13/84** (2013.01); **A61L 15/42** (2013.01); **A61L 15/56** (2013.01); **G01N 33/528** (2013.01); **G01N 33/5308** (2013.01); **G01N 33/54366** (2013.01); **G01N 33/725** (2013.01); **A61F 2013/8473** (2013.01); **A61F 2013/8479** (2013.01); **G01N 33/84** (2013.01); **G01N 2333/59** (2013.01)

Citation (search report)  
See references of WO 0065096A1

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

DOCDB simple family (publication)  
**WO 0065348 A2 20001102**; **WO 0065348 A3 20010405**; AU 4492400 A 20001110; AU 4665800 A 20001110; AU 4665900 A 20001110; AU 4802900 A 20001110; AU 4803000 A 20001110; BR 0010058 A 20020115; BR 0010059 A 20020115; CA 2367588 A1 20001102; CA 2370502 A1 20001102; CA 2370509 A1 20001102; CA 2370739 A1 20001102; CA 2370936 A1 20001102; CN 1348501 A 20020508; CN 1349562 A 20020515; EP 1173605 A2 20020123; EP 1173606 A2 20020123; EP 1173618 A1 20020123; EP 1173758 A2 20020123; EP 1173759 A2 20020123; JP 2002542843 A 20021217; JP 2002542845 A 20021217; JP 2002542846 A 20021217; JP 2002543397 A 20021217; JP 2003517584 A 20030527; MX PA01010946 A 20020506; MX PA01010948 A 20020506; MX PA01010949 A 20020506; MX PA01010950 A 20020506; MX PA01010952 A 20020506; WO 0065083 A2 20001102; WO 0065083 A3 20010208; WO 0065084 A2 20001102; WO 0065084 A3 20010412; WO 0065096 A1 20001102; WO 0065347 A2 20001102; WO 0065347 A3 20010301; WO 0065347 A9 20020221

DOCDB simple family (application)  
**US 0011208 W 20000426**; AU 4492400 A 20000426; AU 4665800 A 20000426; AU 4665900 A 20000426; AU 4802900 A 20000426; AU 4803000 A 20000426; BR 0010058 A 20000426; BR 0010059 A 20000426; CA 2367588 A 20000426; CA 2370502 A 20000426; CA 2370509 A 20000426; CA 2370739 A 20000426; CA 2370936 A 20000426; CN 00806779 A 20000426; CN 00806784 A 20000426; EP 00926388 A 20000426; EP 00928414 A 20000426; EP 00928415 A 20000426; EP 00930160 A 20000426; EP 00930161 A 20000426; JP 2000614036 A 20000426; JP 2000614037 A 20000426; JP 2000614417 A 20000426; JP 2000614418 A 20000426; JP 2000614430 A 20000426; MX PA01010946 A 20000426; MX PA01010948 A 20000426; MX PA01010949 A 20000426; MX PA01010950 A 20000426; MX PA01010952 A 20000426; US 0011204 W 20000426; US 0011205 W 20000426; US 0011206 W 20000426; US 0011207 W 20000426