

Title (en)

TAMPON WITH ANGLED FIBER ORIENTATION

Title (de)

TAMPON MIT SCHRÄG ZUR LÄNGSACHSE AUSGERICHTETEN FASERN

Title (fr)

TAMPON HYGIENIQUE A ORIENTATION DE FIBRE INCLINEE SELON UN ANGLE

Publication

**EP 1091717 A1 20010418 (EN)**

Application

**EP 99932226 A 19990702**

Priority

- US 9915123 W 19990702
- US 10966798 A 19980702

Abstract (en)

[origin: WO0001338A1] A tampon is provided which includes absorbent material formed from a pad of at least one layer of fibers. The fibers have an orientation that is predominantly at an angle to the longitudinal centerline of the pad. In one embodiment, the pad is formed of several layers of fibers, and the fiber orientation in each layer of the pad is such that about at least 75 % of the fibers are oriented at an angle between about 35 degrees and about 55 degrees relative to the longitudinal centerline of the pad. Preferred fiber orientations are about 45 degrees relative to the longitudinal centerline of the pad. The pad may be overwrapped, provided with a withdrawal cord sewn across the middle of the pad, and compressed.

IPC 1-7

**A61F 13/20**

IPC 8 full level

**A61F 13/20** (2006.01); **A61F 13/34** (2006.01)

CPC (source: EP)

**A61F 13/2068** (2013.01)

Citation (search report)

See references of WO 0001338A1

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 0001338 A1 20000113**; AU 4858099 A 20000124; CA 2336292 A1 20000113; EP 1091717 A1 20010418; JP 2002519147 A 20020702

DOCDB simple family (application)

**US 9915123 W 19990702**; AU 4858099 A 19990702; CA 2336292 A 19990702; EP 99932226 A 19990702; JP 2000557786 A 19990702