

Title (en)  
EXPANDABLE URETHRAL PLUG

Title (de)  
EXPANDIERBARER URETHRALER PFROPFEN

Title (fr)  
TAMPON URETRAL EXPANSIBLE

Publication  
**EP 0699060 A4 19970521 (EN)**

Application  
**EP 94917427 A 19940517**

Priority  

- US 9405536 W 19940517
- US 6259293 A 19930517
- US 8846993 A 19930707

Abstract (en)  
[origin: WO9426215A1] A urethral plug (10) possessing a contracted diameter for insertion and removal through the orifice of the urethra, and a larger, expanded diameter for blocking the flow of urine in the urethra, bladder neck and bladder. In a first embodiment, the plug (10) comprises a cooperating housing and inner member lying in coaxial engagement. A larger diameter is achieved by mechanical deployment of the inner member, resulting in the changing of the shape of the housing, or in another embodiment, the changing of the shape of the inner member. In a further embodiment the urethral plug comprises a housing comprised of material which undergoes automatic expansion when exposed to temperature. The urethral plug (10) assumes a non-expanded first condition when exposed to a temperature approximately less than that of a mammalian body, and assumes an expanded second condition when exposed to a transition temperature of approximately the body temperature of a mammal.

IPC 1-7  
**A61F 5/48**

IPC 8 full level  
**A61F 2/00** (2006.01)

CPC (source: EP)  
**A61F 2/0009** (2013.01); **A61F 2/0013** (2013.01)

Citation (search report)  

- [X] WO 9219192 A1 19921112 - COLOPLAST AS [DK]
- [X] EP 0193406 A2 19860903 - MEDTRONIC INC [US]
- [A] EP 0218203 A1 19870415 - BERMAN IRWIN R
- See references of WO 9426215A1

Designated contracting state (EPC)  
DE FR GB SE

DOCDB simple family (publication)  
**WO 9426215 A1 19941124**; AU 6916094 A 19941212; CA 2163131 A1 19941124; EP 0699060 A1 19960306; EP 0699060 A4 19970521

DOCDB simple family (application)  
**US 9405536 W 19940517**; AU 6916094 A 19940517; CA 2163131 A 19940517; EP 94917427 A 19940517