

Title (en)

MALE IMPOTENCE DIAGNOSTIC ULTRASOUND SYSTEM

Title (de)

ULTRASCHALL-ANORDNUNG ZUR BEFUNDUNG MÄNNLICHER IMPOTENZ

Title (fr)

SYSTEME DIAGNOSTIQUANT L'IMPUISSANCE MASCULINE A L'AIDE D'ULTRASONS

Publication

**EP 0928158 A1 19990714 (EN)**

Application

**EP 97935249 A 19970801**

Priority

- US 9713537 W 19970801
- US 2395996 P 19960809
- US 4136197 P 19970321

Abstract (en)

[origin: WO9806333A1] An apparatus for diagnosing male impotence by measuring blood velocity in a cavernosa artery of a male penis includes at least one transducer (30, 32) for transmitting/receiving energy and reading corresponding Doppler effect to detect blood velocity in the cavernosa artery, a transducer housing (20) for supporting the transducer (30, 32) in a substantially fixed orientation with respect to the penis as the transducer measures blood velocity in the cavernosa artery, and a fixing device (50) mechanically coupled to the transducer housing (20), to mechanically fix the transducer housing (20) in place with respect to the penis and hold at least one transducer (30, 32) in a substantially constant angular orientation with respect to the cavernosa artery during an impotence diagnostic procedure. Corresponding methods are also disclosed.

IPC 1-7

**A61B 8/00**

IPC 8 full level

**A61B 8/00** (2006.01); **A61B 8/06** (2006.01)

CPC (source: EP KR)

**A61B 8/00** (2013.01 - KR); **A61B 8/06** (2013.01 - EP); **A61B 8/4227** (2013.01 - EP)

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB IE IT LI NL PT SE

DOCDB simple family (publication)

**WO 9806333 A1 19980219**; AU 3823597 A 19980306; CA 2262789 A1 19980219; EP 0928158 A1 19990714; EP 0928158 A4 19991208; JP 2000516117 A 20001205; KR 20000029894 A 20000525; TW 388706 B 20000501

DOCDB simple family (application)

**US 9713537 W 19970801**; AU 3823597 A 19970801; CA 2262789 A 19970801; EP 97935249 A 19970801; JP 50979398 A 19970801; KR 19997001073 A 19990209; TW 86111422 A 19970809