

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

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Application

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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.

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