

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'ULTRASON

Publication
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Application
EP 97935249 A 19970801

Priority
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• 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.

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

Citation (search report)
• [X] WO 9209962 A1 19920611 - SCHWARTZ ALAN N [US]
• [AD] J.P. QUAM ET AL.: "Duplex and Color Doppler Sonographic Evaluation of Vasculogenic Impotence", AMERICAN JOURNAL OF ROENTGENOLOGY, vol. 153, December 1989 (1989-12-01), New Orleans (US), pages 1141 - 1147, XP002118520
• [AD] H.S. BASSIOUNY ET AL.: "Penile Duplex Sonography in the Diagnosis of Venogenic Impotence", JOURNAL OF VASCULAR SURGERY, vol. 13, no. 1, January 1991 (1991-01-01), ST. LOUIS (US), pages 75 - 83, XP002118521
• See references of WO 9806333A1

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