

Title (en)

PUBOCOCCYGEAL TRAINING BIOFEEDBACK DEVICE

Title (de)

PUBOKOKZYGEALE TRAININGSVORRICHTUNG MIT BIORÜCKKOPPLUNG

Title (fr)

DISPOSITIF DE RETROACTION MUSCULAIRE POUR LA REEDUCATION PUBO-COCCYGIENNE

Publication

EP 1034016 B1 20070704 (EN)

Application

EP 98959401 A 19981105

Priority

- US 9823879 W 19981105
- US 6847097 P 19971203
- US 711298 A 19980114

Abstract (en)

[origin: WO9928002A1] A training device is disclosed for exercising the pubococcygeal or pelvic floor muscles, for example, in the treatment of incontinence. The device includes a cylindrical, deformable probe (50) for insertion into the vagina or rectum of a user. The probe is connected to a pressure transducer (110), which detects the pressure applied to the probe by contraction of the pelvic floor muscles, and displays a pressure indicator (76). The pressure indicator (76) may take the form of a series of nested figures (146), such as curves or concentric semi-circles, that incrementally converge toward a common point as pressure on the probe increases. The training unit guides the user through an exercise routine. The training unit can include a controller (168) that tracks the timing of exercises performed by the user, guides the user through alternating cycles of muscular contraction, and relaxation.

IPC 8 full level

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CPC (source: EP)

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Cited by

CN111202669A; US10022293B2; US11406279B2

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WO 9928002 A1 19990610; AT E366130 T1 20070715; AU 1520799 A 19990616; CA 2312401 A1 19990610; CA 2312401 C 20070116; DE 69838034 D1 20070816; DE 69838034 T2 20080313; EP 1034016 A1 20000913; EP 1034016 A4 20011017; EP 1034016 B1 20070704

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