

Title (en)

INDUCTIVE CONTROL OF ELECTRICAL NERVE STIMULATION SYSTEM FOR THE TREATMENT OF PELVIC DISORDERS

Title (de)

INDUKTIVE STEUERUNG EINES ELEKTRISCHEN NERVENSTIMULIERUNGSSYSTEMS ZUR BEHANDLUNG VON PELVISERKRANKUNGEN

Title (fr)

COMMANDE INDUCTIVE DE SYSTÈME DE STIMULATION NERVEUSE ÉLECTRIQUE POUR LE TRAITEMENT DE TROUBLES PELVIENS

Publication

**EP 2231269 A1 20100929 (EN)**

Application

**EP 08865654 A 20081219**

Priority

- EP 2008068095 W 20081219
- EP 07150386 A 20071221
- US 856007 P 20071221
- EP 08865654 A 20081219

Abstract (en)

[origin: WO2009080784A1] A system for the treatment of urge incontinence by electrical stimulation of pudendal nerve afferents (108; 110) includes an implantable electrode (116) configured to be placed at a pudendal nerve or its branches (108; 110). An implantable pulse generator (118) having a pulse-generating circuitry and a battery for powering the pulse generator (118) provides electrical pulses to the electrode (116). The implantable pulse generator (118) is configured to receive wirelessly transmitted control signals and to provide the electrical pulses. A user- operable triggering mechanism (122) is configured to transmit an inductive wireless control signal to the implantable pulse generator (118) in order to trigger generation of electrical pulses. A skin-borne device (160) may be provided for transmitting the inductive wireless control signal to the pulse generator (118), and a user activatable device (162) may be provided for transmitting a wireless radio frequency signal to the skin-borne device (160) upon user activation.

IPC 8 full level

**A61N 1/36** (2006.01)

CPC (source: EP US)

**A61N 1/36007** (2013.01 - EP US); **A61N 1/3708** (2013.01 - EP); **A61N 1/37235** (2013.01 - EP); **A61N 1/37258** (2013.01 - EP); **A61N 1/37264** (2013.01 - EP)

Citation (search report)

See references of WO 2009080784A1

Citation (examination)

- US 7280872 B1 20071009 - MOSESOV OLEG [US], et al
- US 2003187484 A1 20031002 - DAVIS TIMOTHY J [US], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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