

Title (en)

Inertial energy accumulating device for pelvic floor stimulation

Title (de)

Vorrichtung zur Anhäufung von Trägheitsenergie zur Beckenbodenstimulation

Title (fr)

Dispositif d'accumulation d'énergie inertielle pour stimulation du plancher pelvien

Publication

EP 2529720 A1 20121205 (EN)

Application

EP 12380027 A 20120524

Priority

ES 201100595 A 20110530

Abstract (en)

Inertial device (1) for the stimulation of the pelvic floor muscles, designed to be inserted into a user's vagina, comprising at least one hollow body (2) that contains at least one freely moving interior ball (3) that is able to move due to the force of gravity and the inertia of the user's movements and to impact against an inner surface (4) of the hollow body (2). The inner surface (4) of the hollow body (2) comprises facets (5, 6) that form a certain angle with adjacent facets (5, 6) in a way that the interior ball (3) that is resting on a facet (5, 6) has to accumulate a certain amount of energy in order to move and hit an adjacent facet (5, 6). The device is effective and easy to manufacture, and it is also preferably symmetrical so that it is equally efficient irrespective of its positioning and the user's morphology.

IPC 8 full level

A61H 21/00 (2006.01)

CPC (source: EP ES)

A61H 19/00 (2013.01 - ES); **A61H 21/00** (2013.01 - EP ES); **A63B 23/20** (2013.01 - ES)

Citation (applicant)

ES 2226590 B1 20060516 - POLO EGUIA MARIA OLGA [ES], et al

Citation (search report)

- [X] DE 202009010633 U1 20101223 - WEFO TEC DEUTSCHLAND GMBH [DE]
- [A] DE 20113738 U1 20020110 - FUNFACTORY GMBH [DE]

Designated contracting state (EPC)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2529720 A1 20121205; **EP 2529720 B1 20150708**; ES 2362919 A1 20110715; ES 2362919 B1 20120206

DOCDB simple family (application)

EP 12380027 A 20120524; ES 201100595 A 20110530