

Title (en)

WIRELESS ELECTROSTIMULATING APPLICATOR AND METHOD OF DETERMINING ACUPUNCTURE POINTS

Title (de)

DRAHTLOSER ELEKTROSTIMULATIONSAPPLIKATOR UND VERFAHREN ZUR BESTIMMUNG VON AKUPUNKTURPUNKTEN

Title (fr)

APPLICATEUR D'ÉLECTROSTIMULATION SANS FIL ET PROCÉDÉ DE DÉTERMINATION DE POINTS D'ACUPUNCTURE

Publication

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Application

**EP 21764930 A 20210304**

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Abstract (en)

[origin: WO2021177845A1] The first subject of the invention is a wireless electrostimulating applicator, the electrostimulating applicator includes an executive module containing a module power supply system, a communication and control system and an actuator system, the system further includes an application controlling the electrostimulating applicator operation, where the electrostimulating applicator power supply system comprises a lithium-polymer battery connected to a battery wireless charging system which is connected to a converter increasing the voltage to +95V and connected to a microcontroller, the communication and control system comprises a control microcontroller that communicates via BLE interface with software on a PC or a mobile device, characterized in that the actuator system contains a set of controlled current sources generating a stimulation current of adjustable intensity, from which the electric current is directed to the electronic keys matrix control system, i.e. electronic switching systems with which the skin resistance control system coupled with the microcontroller is connected, wherein the stimulation current, generated by the actuator system, has the form of pulses with an amplitude from -6mA to 6mA and a repetition frequency from 1Hz to 200Hz and at the output the electronic keys control system is connected to the application electrodes system. The invention also includes the method of determining an acupuncture point.

IPC 8 full level

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