

Title (en)

CONTROL DEVICE FOR SELECTIVE ACTIVATION OF ELECTRODE CONFIGURATION

Title (de)

STEUERUNGSVORRICHTUNG ZUR SELEKTIVEN AKTIVIERUNG DER ELEKTRODENKONFIGURATION

Title (fr)

DISPOSITIF DE CONTRÔLE POUR L'ACTIVATION SÉLECTIVE DE CONFIGURATION D ' ÉLECTRODES

Publication

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Application

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Abstract (en)

[origin: WO2011128601A1] The invention relates to a control device that can be implanted in a human body, which includes a control unit and at least one electrode, said control unit being connected to the or each electrode in order to control the stimulation and/or measurement thereof, characterised in that the control unit includes: a timing clock (44); a memory (52) storing configuration data defined to enable configuration of the or each electrode correlated with identifiers; a memory (54) storing program data describing a time profile correlated with identifiers; an executor (48) that can be activated in order to send the or each electrode electric pulses corresponding to a predetermined program according to a predetermined electrode configuration, according to the clock (44); a sequencer (46) arranged to receive an ordered plurality of pairs, each including an electrode configuration identifier and a program identifier, and selectively to activate the executor (48) with the electrode and program configuration pairs denoted by the pairs of identifiers received as an input, according to the order thereof and the clock (44). The invention relates to a system for controlling the human body which includes such a device.

IPC 8 full level

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