Title (en)

ELECTRODE FOR INTRAOPERATIVE NERVE STIMULATION

Title (de)

ELEKTRODE ZUR INTRAOPERATIVEN NERVENSTIMULATION

Title (fr)

ÉLECTRODE DE STIMULATION NERVEUSE INTRAOPÉRATOIRE

Publication

EP 2328651 A1 20110608 (DE)

Application

EP 09787257 A 20090921

Priority

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Abstract (en)

[origin: WO2010035203A1] The invention proposes an electrode (10) for intraoperative nerve stimulation of the nervus vagus, said electrode being suitable for continuous neuromonitoring during an operation, in particular for the neuromonitoring of the nervus laryngeus recurrens during thyroid operations. The electrode is characterized by an electrode body (11) that is designed with an approximately T- or anchor-shaped cross-section, and that comprises an electrode shaft (12) and at least one support bracket (13) that protrudes out on both sides thereof, wherein the contact surface (16) is disposed on the side of the support bracket (13) opposite the electrode shaft (12). Through this especially advantageous electrode configuration, the electrode can be placed between the vena jugularis (22) and the arteria carotis (23) such that the electrode shaft lies in the intermediate space (24) between these two blood vessels and such that one side (14a) of the support bracket (13) reaches beneath the vein and the other side (14b) thereof reaches beneath the artery and such that the front side of the bracket facing away from the electrode shaft, on which side the contact surface (16) is located, presses against the nervus vagus (21) to be stimulated.

IPC 8 full level

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