Title (en)

SYSTEMS FOR TREATMENT OF A NEUROLOGICAL DISORDER USING ELECTRICAL NERVE CONDUCTION BLOCK

Title (de)

SYSTEME ZUR BEHANDLUNG EINER NEUROLOGISCHEN STÖRUNG MIT ELEKTRISCHEM NERVENLEITUNGSBLOCK

Title (fr)

SYSTÈMES DE TRAITEMENT D'UN TROUBLE NEUROLOGIQUE AU MOYEN D'UN BLOC DE CONDUCTION NERVEUSE ÉLECTRIQUE

Publication

EP 3389769 A1 20181024 (EN)

Application

EP 16825621 A 20161215

Priority

- US 201514969826 A 20151215
- US 2016066960 W 20161215

Abstract (en)

[origin: WO2017106519A1] One aspect of the present disclosure is a system including a waveform generator, a controller, and an electrical contact. The waveform generator is for generating an electrical nerve conduction block (ENCB). The controller is coupled with the waveform generator. The controller is configured to receive an input comprising at least one parameter to adjust the ENCB. The electrical contact is coupled with the waveform generator. The electrical contact is configured to be placed into contact with a nerve. The electrical contact comprises a high charge capacity material that prevents formation of damaging electro-chemical products at a charge delivered by the ENCB. The electrical contact is configured to deliver the ENCB to the nerve to block transmission of a signal related to a pain through the nerve.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2017106519A1

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BA ME

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