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(54) NON-INVASIVE TREATMENT OF NEURODEGENERATIVE DISEASES

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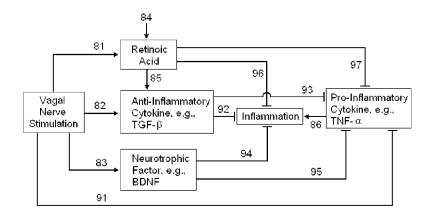
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(57)ABSTRACT

Methods and devices for the non-invasive treatment of neurodegenerative diseases through delivery of energy to target nervous tissue, particularly the vagus nerve. In certain embodiments, the devices include a magnetic stimulator having coils with toroidal windings, which are in contact with an electrically conducting medium that is adapted to conform to the contour of a target body surface of a patient. The coils induce an electric current and/or an electric field within the patient, thereby stimulating nerve fibers within the patient. The stimulation brings about reduction of neuroinflammation in patients suffering from conditions comprising Alzheimer's Disease, Parkinson's Disease, Multiple Sclerosis, postoperative cognitive dysfunction and postoperative delirium.

60 Claims, 7 Drawing Sheets





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Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.

