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(54) Title: METHODS AND APPARATUS FOR MODIFYING PROPERTIES OF THE BBB AND CEREBRAL CIRCULATION BY USING THE NEUROEXCITATORY AND/OR NEUROINHIBITORY EFFECTS OF ODORANTS ON NERVES IN THE HEAD

(57) Abstract: A method for modifying a property of a brain of a patient includespresenting an odorant to an air passage of the patient, the odorant havingbeen selected for presentation to the air passage because it is such as toincrease conductance of molecules from a systemic blood circulation of thepatient through a blood brain barrier (BBB) of the brain into brain tissueof the patient. The molecules are selected from the group consisting of: apharmacological agent, a therapeutic agent, an endogenous agent, and anagent for facilitating a diagnostic procedure.

WO 2003/090599 A3