

Title (en)
BRAIN NAVIGATION METHODS AND DEVICE

Title (de)
HIRNNAVIGATIONSVERFAHREN UND -VORRICHTUNG

Title (fr)
PROCÉDÉS ET DISPOSITIF DE NAVIGATION CÉRÉBRALE

Publication
EP 3481288 A2 20190515 (EN)

Application
EP 17823773 A 20170707

Priority

- US 201662359615 P 20160707
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- US 201762459422 P 20170215
- US 201762459415 P 20170215
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- IL 2017050763 W 20170707

Abstract (en)
[origin: WO2018008034A2] A system for differential recording connectable to an electrical lead with at least two electrodes, including: the lead having a distal end; at least one amplifier electrically connectable to the at least two electrodes, wherein the at least one amplifier subtracts a signal recorded by one of the at least two electrodes, from a signal recorded by the other one of the at least two electrodes to generate a differential signal; a memory configured for storing said differential signal and reference indications of electrical signals associated with neural tissue; a processing circuitry for detection of an anatomical position, wherein the processing circuitry calculates an anatomical position of the electrical lead based on processing of the differential signal and the reference indications of electrical signals associated with the neural tissue.

IPC 8 full level
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CPC (source: CN EP US)
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Designated contracting state (EPC)
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WO 2018008034 A2 20180111; **WO 2018008034 A3 20180208**; CN 109788903 A 20190521; CN 109788903 B 20221108; CN 115517764 A 20221227; EP 3481288 A2 20190515; EP 3481288 A4 20200408

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