Title (en)

SYSTEM AND METHOD FOR HIGH DENSITY ELECTRODE MANAGEMENT

Title (de)

SYSTEM UND VERFAHREN ZUR VERWALTUNG EINER HOCHDICHTEN ELEKTRODE

Title (fr)

SYSTÈME ET PROCÉDÉ DE GESTION D'ÉLECTRODES À HAUTE DENSITÉ

Publication

EP 3888191 A1 20211006 (EN)

Application

EP 19890314 A 20191127

Priority

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- US 2019063793 W 20191127

Abstract (en)

[origin: WO2020113132A1] Systems, devices and methods for advanced electrode management in neurological monitoring applications include receiving sockets configured to receive connectors having groups of electrodes. The physician is not required to manually map each electrode with its corresponding input channel. Electrodes are coupled to the corresponding input channels in groups through connectors having a unique identification (ID). The system is configured to read the unique ID of each connector and establish its identity. Based on the ID, the system configures itself to automatically correlate or associate each electrode with its corresponding input channel when the connectors are first inserted into the receiving sockets, and again if the connectors are removed and re-inserted into different positions in the receiving sockets, to insure the electrodes are always mapped to the same input channels.

IPC 8 full level

H01R 4/48 (2006.01)

CPC (source: EP)

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