

Title (en)

METHOD AND DEVICE FOR THE PREVENTION OF EPILEPTIC ATTACKS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR PRÄVENTION EPILEPTISCHER ANFÄLLE

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT DE PREVENIR UNE CRISE EPILEPTIQUE

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Application

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Abstract (en)

[origin: WO03084605A1] The invention relates to a method and a device for the automatic non-invasive controlled or regulated electromagnetic prevention of epileptic attacks in vivo, based on attack models. The method firstly comprises, in addition to continuous extracranial measurement of electromagnetic fields (in particular those connected with brain activity), the continuous calculation of early warning indicators from the measured data and secondly, in the case of critical indicator values, in addition to the continuous calculation of attack-preventing interventions based on an attack model, the continuous application of said interventions by means of extra-cranial generation of suitable magnetic fields.

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