

Title (en)

PROVIDING A PARAMETER WHICH INDICATES A LOSS OF CONSCIOUSNESS OF A PATIENT UNDER ANESTHESIA

Title (de)

BEREITSTELLUNG EINES PARAMETERS, DER AUF EINEN BEWUSSTSEINSVERLUST EINES PATIENTEN UNTER NARKOSE HINWEIST

Title (fr)

ÉTABLISSEMENT D'UN PARAMÈTRE INDICANT UNE PERTE DE CONSCIENCE D'UN PATIENT SOUS ANESTHÉSIE

Publication

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Application

EP 19721581 A 20190426

Priority

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- EP 2019060788 W 20190426

Abstract (en)

[origin: WO2019207130A1] The invention relates to a method and a device for providing a parameter which indicates a loss of consciousness of a patient under anesthesia. The method has the steps of: detecting (301) at least one EEG signal on the head of the patient; continuously determining (302) the spectral cut-off frequency in a current time window of the EEG signal; determining (303) the curve of the spectral cut-off frequency of the EEG signal in a period of time which begins before an anesthesia-inducing medication is administered and ends after the anesthesia-induced loss of consciousness is initiated; determining (304) the absolute minimum of the spectral cut-off frequency in the period of time, wherein a negative peak of the spectral cut-off frequency lies in the absolute minimum, and providing (305) information regarding at which point in time the absolute minimum was reached as a parameter for an indicative notification of the loss of consciousness of the patient.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2019207130A1

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