

Title (en)

METHOD FOR GENERATING A CONDITION INDICATOR FOR A PERSON IN A COMA

Title (de)

VERFAHREN ZUR ERZEUGUNG EINES ZUSTANDSANZEIGERS FÜR EINE PERSON IM KOMA

Title (fr)

MÉTHODE DE GÉNÉRATION D'UN INDICATEUR D'ÉTAT D'UNE PERSONNE DANS LE COMA

Publication

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Application

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Abstract (en)

[origin: WO2019180393A1] The invention relates to a method for generating a condition indicator corresponding to the condition of a given patient (H) in a coma, comprising: generating at least one auditory stimulus by generating a sequence of auditory stimuli (G SA), said sequence producing responses in the given patient (H); acquiring a first electroencephalographic signal (S1) generated by the given patient (H) from at least one electrode; estimating at least a pair of values corresponding to a first parameter and a second parameter extracted from the acquired first signal (S1), including estimating a first pair of values such that calculating the first parameter comprises estimating the variation in the amplitude of the first signal (S1) in a predefined time window, and calculating the second parameter comprises estimating the correlation between two segments of the first signal (S1); generating a condition indicator for the or each pair of values of the first and second parameters, the values defining the coordinates of a point in a reference database.

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