

Title (en)

PASSIVE, NON-INVASIVE METHOD TO QUANTIFY OBJECTIVELY THE LEVEL AND DENSITY OF A NEURAL BLOCKADE

Title (de)

PASSIVES NICHT-INVASIVES VERFAHREN ZUR OBJEKTIVEN QUANTIFIZIERUNG DES AUSMASSES VON NEURALEN BLOCKADEN

Title (fr)

PROCEDE PASSIF ET NON EFFRACTIF PERMETTANT DE QUANTIFIER DE MANIERE OBJECTIVE LE NIVEAU ET LA DENSITE D'UN BLOCAGE NEURONAL

Publication

**EP 1009279 A4 20040512 (EN)**

Application

**EP 98943362 A 19980825**

Priority

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- US 91844697 A 19970826

Abstract (en)

[origin: WO9909885A1] Electromyogram, temperature and heart rate measurement which correlate to the dermatome level, and density of neural blockade are obtained in a passive manner, i.e., the patient is not stimulated, or exposed to any sensor that requires an active conduction in order to make a measurement. No active patient participation or response is required. The measurements obtained provide objective and quantitative indications of, for example, epidural blockade with local anesthetics thus allowing objective real time assessment of density, and level of neural blockade.

IPC 1-7

**A61B 5/04; A61B 5/11**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [A] US 4570640 A 19860218 - BARSA JOHN E [US]
- [X] STERNBERGER W I; GREENBERG R S: "Assessment of an epidural blockade monitor", ANESTHESIOLOGY; ANNUAL MEETING OF THE AMERICAN SOCIETY OF ANESTHESIOLOGISTS, vol. 83, no. 3A, 21 October 1995 (1995-10-21) - 25 October 1995 (1995-10-25), pages A419, XP008028793
- See references of WO 9909885A1

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