Title (en)

AN ELECTRODE STRUCTURE FOR MEASURING ELECTRICAL SIGNALS

Title (de)

ELEKTRODENSTRUKTUR ZUR MESSUNG ELEKTRISCHER SIGNALE

Title (fr)

STRUCTURE D'ÉLECTRODE POUR MESURER DES SIGNAUX ÉLECTRIQUES

Publication

EP 3681390 A4 20210623 (EN)

Application

EP 18855516 A 20180913

Priority

- FI 20175817 A 20170914
- FI 2018050658 W 20180913

Abstract (en)

[origin: WO2019053331A1] An electrode structure (100) for measuring electrical bio signals comprises a body structure (103) with first and second sides (103A, 103B), and first (101) and second (102) snap portions. The first snap portion (101) is typically arranged to the first side (103A) of the body structure (103) and arranged to functioning as an electrode interface for collecting the electrical bio signals from the user during the use of the electrode structure. The second snap portion (102) is arranged to the second side (103B) of the body structure (103). The first and/or second snap portions (101, 102) are advantageously introduced, such as punched through said body structure (103) and pressed and electrically and mechanically coupled together so that the body structure (103) is located between said first and/or second snap portions (101, 102).

IPC 8 full level

A61B 5/00 (2006.01); **A61B 5/274** (2021.01); **A41D 13/12** (2006.01); **A61B 5/296** (2021.01)

CPC (source: EP FI)

A61B 5/274 (2021.01 - EP); **A61B 5/6831** (2013.01 - FI)

Citation (search report)

- [X] US 2013131484 A1 20130523 - PERNU KIMMO [FI], et al
- [X] WO 2014107018 A1 20140710 - TAEWOONG MEDICAL CO LTD [KR]
- [X] US 2010234715 A1 20100916 - SHIN SEUNG-CHUL [KR], et al
- See references of WO 2019053331A1

Designated contracting state (EPC)

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WO 2019053331 A1 20190321; EP 3681390 A1 20200722; EP 3681390 A4 20210623; FI 20175817 A1 20190315

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