

Title (en)

MEASURING ARRANGEMENT FOR RECORDING A SPECTRUM, IN PARTICULAR FROM VITAL TISSUE

Title (de)

MESSANORDNUNG ZUR AUFZEICHNUNG EINES SPEKTRUMS, INSBESONDERE AUS VITALEM GEWEBE

Title (fr)

SYSTÈME DE MESURE POUR L'ENREGISTREMENT D'UN SPECTRE, EN PARTICULIER ISSU D'UN TISSU VITAL

Publication

**EP 2558845 A2 20130220 (DE)**

Application

**EP 11719168 A 20110411**

Priority

- DE 102010014702 A 20100412
- EP 2011001791 W 20110411

Abstract (en)

[origin: WO2011128053A2] The invention relates to a measuring arrangement having a mobile spectrometer device which comprises a measuring head structure, wherein the measuring head structure is designed in such a way that, to carry out the spectrometric measurement, it can be placed on a portion of tissue, and a socket element which forms an inner receiving space into which the measuring head structure can be inserted, wherein a calibrating medium, produced from an opaque material, is arranged in a bottom region bounding the inner receiving space, and the socket element and the measuring head structure are designed such that, after the measuring head structure has been introduced into the socket element, the calibrating medium is sealed off in a light-tight manner from the surroundings.

IPC 8 full level

**G01N 21/27** (2006.01); **A61B 5/00** (2006.01); **A61B 5/1455** (2006.01); **A61B 5/1495** (2006.01); **G01N 21/47** (2006.01)

CPC (source: EP US)

**A61B 5/1455** (2013.01 - EP US); **A61B 5/1495** (2013.01 - EP US); **A61B 5/441** (2013.01 - EP US); **A61B 5/6835** (2013.01 - EP US); **A61B 6/00** (2013.01 - US); **G01N 21/278** (2013.01 - EP US); **G01N 21/474** (2013.01 - EP US)

Citation (search report)

See references of WO 2011128053A2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**DE 102010014702 A1 20111013**; CN 103080727 A 20130501; EP 2558845 A2 20130220; JP 2013540257 A 20131031; US 2013123643 A1 20130516; WO 2011128053 A2 20111020; WO 2011128053 A3 20111229

DOCDB simple family (application)

**DE 102010014702 A 20100412**; CN 201180028959 A 20110411; EP 11719168 A 20110411; EP 2011001791 W 20110411; JP 2013504156 A 20110411; US 201113639362 A 20110411