

Title (en)

MEASURING INSTRUMENT AND METHOD FOR DETERMINING TISSUE PARAMETERS

Title (de)

MESSVORRICHTUNG UND VERFAHREN ZUR BESTIMMUNG VON GEWEBEPARAMETERN

Title (fr)

DISPOSITIF DE MESURE ET PROCÉDÉ DE DÉTERMINATION DE PARAMÈTRES DE TISSUS

Publication

EP 2291118 A2 20110309 (DE)

Application

EP 09757263 A 20090602

Priority

- EP 2009003920 W 20090602
- DE 102008026435 A 20080602
- DE 102008064405 A 20081222

Abstract (en)

[origin: WO2009146880A2] A measuring instrument comprises a control device (4), a test signal transmitter (2), a test signal receiver (3), and a measurement tip (1) that has at least one coaxial cable. The control device (4) controls the test signal transmitter (2) in such a way that the test signal transmitter (2) transmits a test signal to a specific point of a tissue by means of the coaxial cable. The tissue scatters the test signal. The control device (4) controls the test signal receiver (3) in such a way that the test signal receiver (3) receives the scattered test signal. The control device (4) evaluates the received test signal. The measurement tip (1) is designed such that the same allows a tissue sample to be taken at the specific point of the tissue.

IPC 8 full level

A61B 5/053 (2006.01)

CPC (source: EP US)

A61B 5/053 (2013.01 - EP US); **A61B 5/0538** (2013.01 - EP US); **G01R 27/2676** (2013.01 - EP US); **A61B 10/02** (2013.01 - EP US); **A61B 10/0233** (2013.01 - EP US)

Citation (search report)

See references of WO 2009146880A2

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

DE 102008064405 A1 20091210; EP 2291118 A2 20110309; US 2011077509 A1 20110331; WO 2009146880 A2 20091210; WO 2009146880 A3 20100204

DOCDB simple family (application)

DE 102008064405 A 20081222; EP 09757263 A 20090602; EP 2009003920 W 20090602; US 99438909 A 20090602