

Title (en)

METHOD FOR MEASURING A CONDUCTIVE VOLUME AND DEVICE FOR IMPLEMENTING THIS METHOD

Title (de)

VERFAHREN UND VORRICHTUNG ZUM MESSEN DES LEITFÄHIGEN VOLUMENS

Title (fr)

PROCEDE DE MESURE D'UN VOLUME CONDUCTEUR ET DISPOSITIF DE MISE EN OEUVRE DE CE PROCEDE

Publication

**EP 0923337 A1 19990623 (FR)**

Application

**EP 97938960 A 19970829**

Priority

- FR 9701536 W 19970829
- FR 9610632 A 19960830

Abstract (en)

[origin: FR2752935A1] The invention concerns a method for measuring at least one dimension of a conductive volume, in which a measuring sensor (10) is placed inside a cavity present in a conductive or non-conductive homogeneous body (11), this cavity having large dimensions and high resistivity compared to the respective dimensions and resistivity of the volume to be measured, the sensor having features which vary according to the immediate volume in which it is found, this medium being a medium with electromagnetic losses. The invention also concerns a device for implementing this method.

IPC 1-7

**A61B 5/026**; **A61B 5/029**; **A61N 1/365**

IPC 8 full level

**A61B 5/027** (2006.01); **A61B 5/107** (2006.01); **G01B 7/13** (2006.01); **G01F 17/00** (2006.01); **A61N 1/365** (2006.01)

CPC (source: EP US)

**A61B 5/027** (2013.01 - EP US); **A61B 5/0295** (2013.01 - EP US); **A61B 5/1076** (2013.01 - EP US); **G01B 7/13** (2013.01 - EP US); **G01F 17/00** (2013.01 - EP US); **A61N 1/36514** (2013.01 - EP US)

Citation (search report)

See references of WO 9808435A1

Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

**FR 2752935 A1 19980306**; **FR 2752935 B1 19980918**; CA 2265040 A1 19980305; EP 0923337 A1 19990623; US 6434411 B1 20020813; WO 9808435 A1 19980305

DOCDB simple family (application)

**FR 9610632 A 19960830**; CA 2265040 A 19970829; EP 97938960 A 19970829; FR 9701536 W 19970829; US 24291999 A 19990225