

Title (en)

METHOD FOR NON-INVASIVE DETERMINATION OF GLUCOSE IN BODY FLUIDS

Title (de)

VERFAHREN ZUR NICHTINVASIVEN BESTIMMUNG VON GLUKOSE IN KÖRPERFLÜSSIGKEITEN

Title (fr)

TECHNIQUE NON-INVASIVE DE DETERMINATION DU TAUX DE GLUCOSE DANS DES LIQUIDES ORGANIQUES

Publication

EP 1052929 A1 20001122 (EN)

Application

EP 98906104 A 19980204

Priority

US 9802037 W 19980204

Abstract (en)

[origin: WO9939627A1] Method and apparatus for non-invasively determining glucose level in fluid of subject, typically blood glucose level. Impedance of skin tissue is measured and the measurement is used with impedance measurements previously correlated with directly determined glucose levels to determine the glucose level from the newly measured impedance. It is thus possible, to routinely non-invasively determine fluid glucose levels.

IPC 1-7

A61B 5/00; **A61B 5/05**

IPC 8 full level

A61B 5/00 (2006.01); **A61B 5/05** (2006.01); **A61B 5/103** (2006.01)

CPC (source: EP)

A61B 5/0531 (2013.01); **A61B 5/14532** (2013.01); **A61B 5/05** (2013.01)

Citation (search report)

See references of WO 9939627A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

WO 9939627 A1 19990812; AU 6142198 A 19990823; AU 762922 B2 20030710; CA 2318735 A1 19990812; EP 1052929 A1 20001122; JP 2002501802 A 20020122

DOCDB simple family (application)

US 9802037 W 19980204; AU 6142198 A 19980204; CA 2318735 A 19980204; EP 98906104 A 19980204; JP 2000530135 A 19980204