Title (en)

METHOD AND DEVICE FOR COMPLEX METABOLIC ANALYSIS

Title (de)

VERFAHREN UND EINRICHTUNG ZUR KOMPLEXEN STOFFWECHSELANALYSE

Title (fr)

PROCÉDÉ ET DISPOSITIF D'ANALYSE MÉTABOLIQUE COMPLEXE

Publication

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Application

EP 09715141 A 20090224

Priority

- EP 2009052171 W 20090224
- DE 102008011013 A 20080225

Abstract (en)

[origin: WO2009106524A2] The invention relates to a method and a device for non-invasive or invasive measurement of control and regulation processes of plant, animal or human metabolism for the controlling of disruptions and for determining physical or chemical influencing factors on reaction conditions so as to be able to draw conclusions about specific illnesses from the changes in individual metabolic parameters. The object is to propose a method and a device that make it possible to measure metabolic control and regulation processes in order to draw conclusions about specific illness symptoms from changes in these processes. The method should make the measurement process repeatable non-invasively or invasively and rapidly in order not to induce stress from the measurement process. The characterizing feature is that metabolically relevant, biologically active autofluorescent substances are selected from the native fluorescence spectrum in the wavelength range of 287 nm to 600 nm and are linked together in biochemical and biophysical models in order to describe control and regulation processes in humans and animals and in plants.

IPC 8 full level

A61B 5/00 (2006.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2009106524A2

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