

Title (en)

DIAGNOSTIC AND PROGNOSTIC ASSISTANCE DEVICE FOR PHYSIOPATHOLOGICAL TISSUE CHANGES

Title (de)

DIAGNOSTISCHE UND PROGNOSTISCHE HILFSVORRICHTUNG FÜR PHYSIOPATHOLOGISCHE GEWEBEVERÄNDERUNGEN

Title (fr)

DISPOSITIF D'AIDE AU DIAGNOSTIC ET PRONOSTIC DE MODIFICATIONS PHYSIOPATHOLOGIQUES DES TISSUS

Publication

**EP 2136707 A1 20091230 (FR)**

Application

**EP 08736401 A 20080418**

Priority

- EP 2008054764 W 20080418
- FR 0754570 A 20070419

Abstract (en)

[origin: CA2683878A1] Diagnostic and prognostic assistance device for physiopathological tissue changes. It comprises a coherent light source (13) for emitting coherent light along a first direction (X), for the purpose of illuminating a biological tissue (16) in first and second areas thereof, the first area being sound and the second area liable to include changes, the tissue thus illuminated generating a speckle phenomenon, means (14) for observing the speckle field in a second direction (Y) and for acquiring the speckle, and means (18) for varying the angle between the first and second directions, in order to observe the speckle field at different angles, so as to acquire information about the tissue at various depths in this tissue.

IPC 8 full level

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

CPC (source: EP US)

**A61B 5/0059** (2013.01 - EP US); **A61B 5/444** (2013.01 - EP US); **A61B 5/445** (2013.01 - EP US); **A61B 2562/0242** (2013.01 - EP US)

Citation (search report)

See references of WO 2008132079A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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