

Title (en)
TISSUE EXAMINATION

Title (de)
GEWEBE-UNTERSUCHUNG

Title (fr)
SYSTEME D'EXAMEN DE TISSUS

Publication
EP 0964641 A4 20000419 (EN)

Application
EP 98902445 A 19980112

Priority
• US 9800377 W 19980112
• US 78244297 A 19970117

Abstract (en)
[origin: WO9831283A1] A tissue examination device includes a sensor which produces signals in response to pressure imposed on the sensor as the sensor is pressed against the tissue. A vibrator (38) vibrates the tissue and a processor detects the response of underlying tissue structures to the vibrations from the signals produced by the sensor, and discriminates between different types of underlying tissue structures based on the response. The processor (35) may determine the extent to which the underlying tissue structures are vibrated within the tissue based on the signals produced by the sensor, and discriminate between the different tissue types based on the extent to the vibration.

IPC 1-7
A61B 5/103; **A61B 9/00**

IPC 8 full level
A61B 5/103 (2006.01)

CPC (source: EP)
A61B 5/0051 (2013.01); **A61B 5/4312** (2013.01); **A61B 2562/0247** (2013.01); **A61B 2562/046** (2013.01)

Citation (search report)
• [PXA] EP 0764842 A2 19970326 - AXIOM CO LTD [JP], et al
• [X] WO 9420024 A1 19940915 - UNIV WASHINGTON [US]
• [XA] WO 9116003 A1 19911031 - SKINTECH HOLDINGS APS [DK]
• See references of WO 9831283A1

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US7655730B2; WO2016069089A1; WO2011041230A1; US7605217B2; US7390866B2; US7928165B2; US8013093B2

Designated contracting state (EPC)
DE FR

DOCDB simple family (publication)
WO 9831283 A1 19980723; CA 2277328 A1 19980723; EP 0964641 A1 19991222; EP 0964641 A4 20000419

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