

Title (en)

METHOD AND APPARATUS FOR THE ELASTOGRAPHIC EXAMINATION OF TISSUE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ELASTOGRAPHISCHEN UNTERSUCHEN VON GEWEBE

Title (fr)

PROCÉDÉ ET DISPOSITIF D'ANALYSE ÉLASTOGRAPHIQUE DE TISSU

Publication

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Application

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Abstract (en)

[origin: CA2687039A1] The invention relates to a method for elastographically examining tissue. Said method comprises the following steps: at least one mechanical wave that oscillates primarily or exclusively perpendicular to the direction of propagation thereof is excited in the tissue (31) which has first elastic properties at least at one first point in time and second elastic properties differing from the first elastic properties at least at one second point in time; and a first deflection or deflection rate of an oscillation of the wave is determined at the first point in time as a measure of the first elastic properties, and a second deflection or deflection rate of an oscillation of the wave is determined at the second point in time as a measure of the second elastic properties. The invention further relates to an apparatus for elastographically examining tissue.

IPC 8 full level

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