

Title (en)

METHOD AND APPARATUS TO CHARACTERISE NON-INVASIVELY IMAGES CONTAINING VENOUS BLOOD VESSELS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR NICHTINVASIVEN CHARAKTERISIERUNG VON BILDERN MIT VENÖSEN BLUTGEFÄSSEN

Title (fr)

PROCÉDÉ ET APPAREIL POUR CARACTÉRISER DES IMAGES NON INVASIVES CONTENANT DES VAISSEAUX SANGUINS VEINEUX

Publication

**EP 3570754 A1 20191127 (EN)**

Application

**EP 18705492 A 20180116**

Priority

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- IB 2018050250 W 20180116

Abstract (en)

[origin: WO2018134726A1] The invention relates to a method and an apparatus for non-invasive detection of images of blood vessels (V). To this end, the method provides for acquiring ultrasound signals pertaining to a section of a blood vessel and processing the acquired ultrasound signals in order to display images of the section. In order to compensate for its movements in the different frames of the acquired ultrasound video, a tracking process is carried out to determine the mean diameter or the area of a section, and then the pulsatility and/or another parameter pertaining to the vessel (V). One or more of said steps are carried out repeatedly for a plurality of times within a predefined time interval, so as to detect the dynamics of the blood vessel (V).

IPC 8 full level

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Citation (search report)

See references of WO 2018134726A1

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