

Title (en)

SYSTEM AND METHOD FOR QUANTITATIVE ASSESSMENT OF CANCERS AND THEIR CHANGE OVER TIME

Title (de)

SYSTEM UND VERFAHREN ZUR QUANTITATIVEN BEWERTUNG VON KREBSSEN UND IHRER ZEITLICHEN VERÄNDERUNG

Title (fr)

SYSTEME ET METHODE D'EVALUATION QUANTITATIVE DES CANCERS ET DE LEUR EVOLUTION DANS LE TEMPS

Publication

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Application

EP 02759651 A 20020913

Priority

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Abstract (en)

[origin: WO03025837A1] In a solid tumor or other cancerous tissue in a human or animal patient, specific objects or conditions serve as indicators, or biomarkers, of cancer and its progress. In a three-dimensional image of the region of interest (Fig. 1 element 102), the biomarkers are identified and quantified (Fig. elements 104). Multiple three-dimensional images can be taken over time, in which the biomarkers can be tracked over time (Fig. element 108). Statistical segmentation techniques are used to identify the biomarker in a first image to carry the identification over to the remaining images.

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Citation (search report)

- [X] KAWATA Y ET AL: "Tracking interval changes of pulmonary nodules using a sequence of three-dimensional thoracic images", PROCEEDINGS OF THE SPIE - THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING SPIE-INT. SOC. OPT. ENG USA, vol. 3979, 2000, pages 86 - 96, XP002334209, ISSN: 0277-786X
- See references of WO 03025837A1

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