

Title (en)

A METHOD, A SYSTEM AND A COMPUTER PROGRAM FOR VALIDATION OF GEOMETRICAL MATCHING IN A MEDICAL ENVIRONMENT

Title (de)

VERFAHREN, SYSTEM UND COMPUTERPROGRAMM FÜR DIE VALIDIERUNG VON GEOMETRISCHER ANPASSUNG IN EINEM MEDIZINISCHEN UMFELD

Title (fr)

PROCEDE, SYSTEME ET PROGRAMME D'ORDINATEUR POUR LA VALIDATION DE MISE EN CORRESPONDANCE GEOMETRIQUE DANS UN ENVIRONNEMENT MEDICAL

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Application

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Abstract (en)

[origin: WO2005087126A1] A method, a system and a computer program for geometrical matching between an anatomical site and an object. A first data set (18a), representative of the anatomical site, is obtained by means of a suitable imaging using a medical diagnostic apparatus (2). The second data set (18b) comprises a geometric description of the object or its image obtained by means of a medical diagnostic unit. The system (1) comprises processing means (22) to retrieve the first data set (18a) and the second data set (18b) in order to produce a superimposed image (I) comprising the image (26) based on the first data set (18a) and an image (28), based on the second data set (18b). Images (26) and (28) are visualized on a display (24) using the same magnification factor and substantially the same orientation in space. The system (1) comprises automatic delineation means (23), and image manipulation means.

IPC 8 full level

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