

Title (en)

SYSTEM AND METHOD FOR POSITIONING BY MEANS OF NUCLEAR IMAGING

Title (de)

SYSTEM UND VERFAHREN ZUR POSITIONIERUNG MITTELS NUKLEARER BILDGEBUNG

Title (fr)

SYSTÈME ET PROCÉDÉ DE POSITIONNEMENT PAR IMAGERIE NUCLÉAIRE

Publication

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Application

EP 12775642 A 20120924

Priority

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Abstract (en)

[origin: WO2013041720A1] The invention relates to a system for determining the position of radioactively marked target tissue of a patient in radiation therapy by means of a radiation therapy device. The system comprises at least one detector for the imaging detection of the radiation distribution of a radioactive radiation source that is located in target tissue region, a computing unit that is designed to calculate the pose of the target tissue region from measurement data of the detector and to calculate a correction variable as the difference between the calculated pose and comparison values, and an interface by means of which the data for the calculated pose of the radioactively marked target tissue region and the correction variable can be transmitted by the computing unit to a radiation therapy device or a patient positioning device. The invention further relates to a corresponding method.

IPC 8 full level

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Citation (search report)

See references of WO 2013041720A1

Cited by

US11883214B2; US10617401B2; US11464503B2; US9561019B2; US10426350B2; US11678804B2

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