

Title (en)
MEDICAL EXAMINATION AND/OR TREATMENT DEVICE

Title (de)
MEDIZINISCHE UNTERSUCHUNGS- UND/ODER BEHANDLUNGSVORRICHTUNG

Title (fr)
DISPOSITIF MÉDICAL D'EXAMEN ET/OU DE TRAITEMENT

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Application
EP 11709352 A 20110304

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Abstract (en)
[origin: CA2791837A1] The invention relates to a medical examination and/or treatment device for performing image acquisitions and/or radiation- or instrument-based treatments in an examination or treatment region, comprising an image acquisition means and/or a treatment means and a patient table, wherein a detection means (7) for determining the position of a patient (4) located on the patient table (3) is provided, the detection means comprising a radiation emitter (8) which irradiates the patient (4) in at least one region and emits terahertz radiation (9), at least one radiation receiver (10) detecting reflected terahertz radiation (12), and a processing means (13) processing the receiver signals supplied by the radiation receiver (10), wherein the processing means (13) can generate an image showing the surface of the irradiated patient region on the basis of the receiver signals and the position of the patient region relative to the examination or treatment region (5) can be determined on the basis of said image.

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