

Title (en)

QUALITY ASSURANCE DEVICE AND METHOD IN RADIOTHERAPY

Title (de)

QUALITÄTSSICHERUNGSVORRICHTUNG UND -VERFAHREN IN DER STRAHLENTHERAPIE

Title (fr)

DISPOSITIF ET PROCÉDÉ D'ASSURANCE-QUALITÉ EN RADIOTHÉRAPIE

Publication

EP 2547400 A1 20130123 (FR)

Application

EP 11708843 A 20110315

Priority

- BE 201000169 A 20100315
- EP 2011053904 W 20110315

Abstract (en)

[origin: WO2011113835A1] The invention relates to a quality assurance method for a radiotherapy apparatus (10) employing a photon beam (20) directed onto an object or patient (30), comprising the following steps: the object or patient (30) is galvanically isolated from a reference potential; a picoammeter (60) is connected between the object or patient (30) and the reference potential; the photon beam (20) is directed onto the object or patient (30); and the electrical charge (Q) created in the object or patient (30) and/or the electrical current (I) flowing between the object or patient (30) and the reference potential is measured by means of the picoammeter (60). The invention also relates to an apparatus suitable for carrying out this method.

IPC 8 full level

A61N 5/10 (2006.01); **G01T 1/14** (2006.01)

CPC (source: EP US)

A61N 5/1048 (2013.01 - EP US); **A61N 5/1075** (2013.01 - US)

Citation (search report)

See references of WO 2011113835A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2011113835 A1 20110922; **WO 2011113835 A9 20111117**; BE 1019079 A5 20120207; EP 2547400 A1 20130123; US 2013123565 A1 20130516

DOCDB simple family (application)

EP 2011053904 W 20110315; BE 201000169 A 20100315; EP 11708843 A 20110315; US 201113635041 A 20110315