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(71) Applicant: **Brainlab AG**
85622 Feldkirchen (DE)

(72) Inventors:
• **Vilsmeier, Stefan**
80331 Munich (DE)

• **Erbel, Stephan**
81825 Munich (DE)

(74) Representative: **Schwabe - Sandmair - Marx**
Patentanwälte
Stuntzstraße 16
81677 München (DE)

Remarks:

This application was filed on 17-12-2014 as a divisional application to the application mentioned under INID code 62.

(54) **Controlling a process of monitoring the position of a patient during a radiation treatment**

(57) A radiation treatment system, comprising:
a) a computer (12, 13) for controlling a process of monitoring the position of at least a part of a patient's body (1) during a radiation treatment configured to execute the following steps:

i) providing an energy data which describe an energy value which is dependent on the radiation energy applied to the patient's body (1); and
ii) determining control data in accordance with the energy data, wherein the control data are designed to control the time at which monitoring is performed in accordance with the energy value;
wherein the computer is designed to determine the control data on the basis of the energy data provided and to issue the control data in order to control a monitoring device (19);

b) a monitoring device (19), which is designed to monitor the position of at least a part of a patient's body (1) which is to be treated using treatment radiation (6) and designed

to be controlled in accordance with the control data; and
c) a treatment device (5) which is designed to emit the treatment radiation (6) used for the radiation treatment.

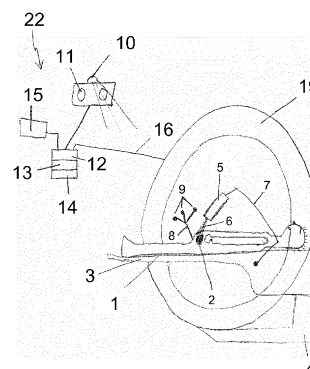


Figure 1a