

Title (en)

DIGITAL RADIOLOGY DEVICE BASED ON A NOVEL REMOTE-CONTROLLED TABLE SIMPLIFYING MANIPULATIONS

Title (de)

DIGITALE RADIOLOGIE-VORRICHTUNG AUF BASIS EINES NEUEN FERNGESTEUERTEN TISCHES ZUR VEREINFACHUNG VON MANIPULATIONEN

Title (fr)

DISPOSITIF DE RADIOLOGIE NUMERIQUE BASE SUR UNE NOUVELLE TABLE TELECOMMANDEE SIMPLIFIANT LES MANIPULATIONS

Publication

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Application

**EP 02796323 A 20020829**

Priority

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- FR 0111234 A 20010830

Abstract (en)

[origin: WO03017841A1] The invention concerns a digital radiography device (2) comprising: additionally to the known means such as: a high voltage generator (22), an X-ray tube (24), an exposure control system (26) associated with an ionizing chamber (2600), leaded caches, an anti-diffusion grid (27), a set of control consoles (29), a brightness amplifier (30), a digital video camera (31) connected to at least a screen (32), an interface (41), novel means mutually combined such as: a) computers for image processing and warning management (84, 85, 86 and 87), b) a novel selector (4), said device being characterised in that its selector (4) is equipped with a matrix sensor (40) combined with the means (30) and (31) and placed in the selector actuatable from a set of control consoles (29) capable of carrying out through automatic controls arranged on the means (22), (60 and 61) (27) and (41), managed by the computers (84, ), (85), (86) and (87), either static and dynamic radiography processes, in minimum time, and with great comfort for the patient and the user.

IPC 1-7

**A61B 6/02**; **A61B 6/04**; **A61B 6/06**

IPC 8 full level

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