

Title (en)

DEVICE FOR MONITORING AN ELECTRON BEAM VIA BREMSSTRAHLUNG IMAGING

Title (de)

VORRICHTUNG ZUR ÜBERWACHUNG EINES ELEKTRONENSTRAHLS ÜBER BREMSSTRAHLUNGSBILDGEBUNG

Title (fr)

DISPOSITIF DE CONTRÔLE D'UN FAISCEAU D'ÉLECTRONS PAR IMAGERIE DU RAYONNEMENT CONTINU DE FREINGAGE

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Application

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Abstract (en)

[origin: WO2014086675A2] The present invention relates to irradiation device for irradiating objects with electron beams (16). Said irradiation device comprises at least one electron beam emitter (10) having an electron exit window (20) through which said electron beam (16) is emitted, at least one sensor device (56) for measuring at least a first dose control parameter of the electron beam (16). The sensor device comprises a sensing area (58) in form of a plate (74) adapted to be at least temporarily exposed to said electron beam, said plate (74) being further adapted to generate x-rays (76) when hit by electrons (e-) of said electron beam (16), and at least one x-ray imaging sensor (70) adapted to detect the generated x-rays (76). The invention also relates to a method.

IPC 8 full level

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