

Title (en)
Dose monitor chamber for electron or X-ray radiation.

Title (de)
Dosis-Messkammer für Elektronen und Röntgenstrahlen.

Title (fr)
Chambre dosimètre pour électron et rayonnement X.

Publication
EP 0071826 A2 19830216 (DE)

Application
EP 82106592 A 19820721

Priority
US 28913781 A 19810803

Abstract (en)
[origin: US4427890A] The chamber contains a first and a second measuring electrode and a third electrode. The first measuring electrode is essentially a first flat ring portion. The second measuring electrode comprises an inner circular area to the periphery of which a second flat ring portion adjoins in an electrically conducting manner. The first and the second measuring electrodes are arranged in a first plane. The first and the second ring portion are combined approximately 360 DEG . The third electrode is arranged in a second plane parallel to and spaced from the first plane. When ionizing radiation (X-rays, electrons) enters the space between the first and second measuring electrodes on the one side and the third electrode on the other side, electrical signals will be derived from said respective first and second electrode.

Abstract (de)
The chamber contains a first and a second measuring electrode and a third electrode. The first measuring electrode is essentially a first flat ring portion. The second measuring electrode comprises an inner circular area to the periphery of which a second flat ring portion adjoins in an electrically conducting manner. The first and the second measuring electrodes are arranged in a first plane. The first and the second ring portion are combined approximately 360°. The third electrode is arranged in a second plane parallel to and spaced from the first plane. When ionizing radiation (X-rays, electrons) enters the space between the first and second measuring electrodes on the one side and the third electrode on the other side, electrical signals will be derived from said respective first and second electrode.

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H01J 47/02; G01T 1/29

IPC 8 full level
H01J 47/02 (2006.01)

CPC (source: EP US)
H01J 47/02 (2013.01 - EP US)

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Designated contracting state (EPC)
DE FR GB SE

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DOCDB simple family (application)
EP 82106592 A 19820721; CA 408527 A 19820730; DE 3267023 T 19820721; US 28913781 A 19810803