

Title (en)
X-RAYS MULTIDETECTOR

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Application
EP 82400769 A 19820428

Priority
FR 8109000 A 19810506

Abstract (en)
[origin: US4481420A] The invention relates to a process for making a multidetector of X-rays forming a plane beam. This multidetector comprises a tight chamber filled with an ionizable gas and, in this chamber, at least one main multidetector assembly comprising a plane conducting plate, electrically insulated from the chamber and a plurality of flat electrodes parallel to the plate, insulated from this plate. This process is characterized in that it consists in making the electrodes, as well as main connections between these electrodes and measuring points outside the chamber enabling the currents circulating respectively in these electrodes to be sampled, on a main face of an electrically insulating plate, these main connections being electrically insulated from the chamber and passing therethrough in tight manner, opposite the source which emits the X-rays. The invention is more particularly applicable to X-ray multidetectors intended for the tomography or radiography of organs or for checking baggage.

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