

Title (en)
COMPUTER TOMOGRAPHY DEVICE

Title (de)
COMPUTERTOMOGRAPHISCHE VORRICHTUNG

Title (fr)
DISPOSITIF DE SCANOGRAPHIE

Publication
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Application
EP 10750031 A 20100805

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Abstract (en)
[origin: WO2011015357A2] The invention relates to a computer tomography device for non-medical applications, in particular a non-medical material or workpiece test, having a sensor carrier unit comprising a plurality of individual pixels provided adjacent to one another, said sensor carrier unit being designed to detect invasive radiation of an x-ray radiation source by means of a detector surface. According to the invention the detector surface extends in at least one plane in the shape of an arc, wherein the sensor carrier unit has a contour that is arced at least in sections and/or comprises a plurality of individual detector elements (20) arranged in a faceted shape, each comprising a flat detector surface (3), disposed adjacent to and/or adjoining one another along an arced line (6), and an object carrier, designed as a rotary plate (30), for a workpiece to be subjected to tomographic inspection is provided in a beam path between the x-ray radiation source (1) and the sensor carrier unit.

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See references of WO 2011015357A2

Citation (examination)
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