

Title (en)
TOMOGRAPHIC DENSITOMETER

Title (de)
TOMOGRAPHISCHES DENSITOMETER

Title (fr)
DENSITOMETRE TOMOGRAPHIQUE

Publication
EP 0716742 A1 19960619 (EN)

Application
EP 94926656 A 19940901

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Abstract (en)
[origin: WO9506874A1] A densitometer (10) for determining the density distribution and variation of density of an object (18) such as in vivo bone using a source of annihilation radiation or a source of photons (16) in the energy range between about 200-keV and 1500 keV and a pair of photon detectors (12, 14) for detecting photons emitted in coincidence. The object (18) is positioned between the photon source and one of the detectors, referred to as the "blocked" detector, and the density is determined by comparing the number of coincident photons detected by the blocked and unblocked detectors along the path of photons.

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