

Title (en)

DETECTOR SYSTEMS FOR RADIATION IMAGING

Title (de)

DETEKTORSYSTEME ZUR STRAHLUNGSBILDGEBUNG

Title (fr)

SYSTÈMES DE DÉTECTEUR DESTINÉS À UNE IMAGERIE PAR RAYONNEMENT

Publication

EP 3326006 A1 20180530 (EN)

Application

EP 16747671 A 20160721

Priority

- US 201514804838 A 20150721
- US 201514804799 A 20150721
- US 2016043361 W 20160721

Abstract (en)

[origin: WO2017015473A1] Detector designs and systems for enhanced radiographic imaging with integrated detector systems incorporate one or more of Compton and nuclear medicine imaging, PET imaging and x-ray CT imaging capabilities. Detector designs employ one or more layers of detector modules comprised of edge-on or face-on detectors or a combination of edge-on and face-on detectors which may employ gas, scintillator, semiconductor, low temperature (such as Ge and superconductor) and structured detectors. Detectors may implement tracking capabilities and may operate in a non-coincidence or coincidence detection mode.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2017015473A1

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