

Title (en)

Detector module for scintillation cameras.

Title (de)

Detektoren-Modul für eine Szintillationskamera.

Title (fr)

Détecteur modulaire pour une caméra à scintillation.

Publication

EP 0337096 A1 19891018 (DE)

Application

EP 89103518 A 19890228

Priority

US 17457488 A 19880329

Abstract (en)

A detector module for use in scintillation cameras utilizes a plurality of elongated scintillator strips (2,4,6). A temperature gradient is established along the length of each strip (2A, 2B). By identifying the particular strip in which a scintillation event has taken place and by measuring the decay time of the scintillation event, two-dimensional information can be developed. This permits a scintillation camera detector to be modularized and largely eliminates the problems of edge packing.

IPC 1-7

G01T 1/00; **G01T 1/164**; **G01T 1/202**

IPC 8 full level

G01T 1/164 (2006.01); **G01T 1/20** (2006.01); **G01T 1/202** (2006.01)

CPC (source: EP US)

G01T 1/1642 (2013.01 - EP US); **G01T 1/1644** (2013.01 - EP US); **G01T 1/2008** (2013.01 - EP US); **G01T 1/20182** (2020.05 - EP US); **G01T 1/20187** (2020.05 - EP US); **G01T 1/202** (2013.01 - EP US)

Citation (search report)

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- [Y] EP 0219648 A1 19870429 - CLAYTON FOUND RES [US]
- [YPD] EP 0262524 A1 19880406 - SIEMENS AG [DE]

Cited by

US7684545B2; WO2009058542A1

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DE FR GB NL

DOCDB simple family (publication)

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