

Title (en)

METHOD AND DEVICE FOR PROCESSING SIGNALS FROM A SET OF PHOTODETECTORS WITH CELLULAR ARCHITECTURE, AND APPLICATION TO GAMMA-CAMERAS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR SIGNALVERARBEITUNG EINER PHOTODETEKTOREANORDNUNG MIT EINER ZELLULAREN ARCHITEKTUR, UND ANWENDUNG FUER GAMMAKAMERAS

Title (fr)

PROCEDE ET DISPOSITIF DE TRAITEMENT DES SIGNAUX D'UN ENSEMBLE DE PHOTODETECTEURS AYANT UNE ARCHITECTURE CELLULAIRE, ET APPLICATION AUX GAMMA-CAMERAS

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Application

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Abstract (en)

[origin: FR2755816A1] The invention concerns a method for processing signals produced by a set of N photodetectors, in response to a phenomenon to be detected, in which a cellular architecture (88, 90-1....90-6, 92, 94), associated with each photodetector (60), enables to compare the flux it receives with the flux of the neighbouring photodetectors (160-1,...,160-6), and to determine which set of photodetectors to take into account for a given interaction. Characteristic quantities of the interaction can then be computed.

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