

Title (en)

UNIT AND METHOD FOR ENCODING PHOTODETECTOR SIGNAL, WITH CORRECTION OF INPUT LEVEL, AND USE OF SUCH A UNIT FOR A GAMMA-CAMERA

Title (de)

KODIEREINHEIT UND -VERFAHREN FÜR LICHTDETEKTORSIGNALE MIT EINGANGSPEGELKORREKTUR UND ANWENDUNG SOLCH EINER EINHEIT IN EINEN GAMMA-KAMERA

Title (fr)

UNITE ET PROCEDE DE CODAGE DE SIGNAL DE PHOTODETECTEUR, A CORRECTION DE NIVEAU D'ENTREE, ET UTILISATION UNE TELLE UNITE POUR UNE GAMMA-CAMERA

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Application

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Priority

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Abstract (en)

[origin: FR2754656A1] The invention concerns a unit encoding the analog electric signal of a photodetector (110) comprising an analog-to-digital-converter (112), connected to the photodetector (110), the analog-to digital converter (112) being capable for receiving the analog electric signal of the photodetector and transmitting an encoded corresponding digital signal. The invention is characterised in that the unit further comprises means (130) for automatically correcting the level of the signal received by the analog-to-digital converter (112) on the basis of an encoded signal transmitted by the analog-to-digital converter in the absence of a pulse from the photodetector. The invention is applicable to gamma-cameras.

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