

Title (en)

DIGITAL INTEGRATION CHAIN WITH CORRECTION OF BASE POTENTIAL

Title (de)

DIGITALE INTEGRATIONSKETTE MIT BASISPOTENTIALKORREKTUR

Title (fr)

CHAINE D'INTEGRATION NUMERIQUE DE SIGNAL A CORRECTION DE POTENTIEL DE BASE

Publication

EP 0931270 A1 19990728 (FR)

Application

EP 97909382 A 19971010

Priority

- FR 9701808 W 19971010
- FR 9612496 A 19961014

Abstract (en)

[origin: FR2754665A1] The invention concerns a digital integration chain of a photodetector signal (14) comprising an analog-to-digital converter (16), and a digital integrator (20) connected to the analog-to-digital converter (16) for supplying a sum signal in an output (24) of the integration chain. The invention is characterised in that the integration chain further comprises means for correcting (22, 26, 30) the sum signal on the basis of a continuous value of the photodetector signal. The invention is useful for gamma-cameras.

IPC 1-7

G01T 1/164; **H04N 5/217**

IPC 8 full level

G01T 1/164 (2006.01); **G01T 1/17** (2006.01); **G01T 1/20** (2006.01); **H04N 5/361** (2011.01)

CPC (source: EP)

G01T 1/17 (2013.01)

Citation (search report)

See references of WO 9816850A1

Designated contracting state (EPC)

DE GB IT NL

DOCDB simple family (publication)

FR 2754665 A1 19980417; **FR 2754665 B1 19981127**; EP 0931270 A1 19990728; JP 2001506746 A 20010522; WO 9816850 A1 19980423

DOCDB simple family (application)

FR 9612496 A 19961014; EP 97909382 A 19971010; FR 9701808 W 19971010; JP 51805898 A 19971010