

Title (en)

SYSTEM FOR MONITORING A PHOTOMULTIPLIER GAIN DRIFT AND RELATED METHOD

Title (de)

SYSTEM ZUR ÜBERWACHUNG DER ERTRAGSVERÄNDERUNG EINES BILDVERVIELFÄLTIGERS UND ENTSPRECHENDES VERFAHREN

Title (fr)

SYSTÈME DE CONTRÔLE DE DÉRIVE DE GAIN DE PHOTOMULTIPLICATEUR ET PROCÉDÉ ASSOCIÉ

Publication

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Application

EP 09815675 A 20090922

Priority

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Abstract (en)

[origin: WO2010034702A1] The invention relates to a system for monitoring the gain drift of a photomultiplier (2), characterised in that the system includes: first means (4, 5, 6, 7, 8) for measuring a noise signal of the photomultiplier (2) and for delivering a measure signal (5s, 6s) representative of the noise signal of the photomultiplier (2); and second means (9, 3) for maintaining, from said measure signal (5s, 6s), the noise signal measured at a constant level. The invention can be used for stabilising the gain of photomultipliers, and more particularly for stabilising neutron measurement systems using photomultipliers.

IPC 8 full level

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