Title (en)

SCINTILLATOR BASED RADIATION DETECTION

Title (de)

STRAHLUNGSERKENNUNG AUF SZINTILLATORBASIS

Title (fr)

DÉTECTION DE RAYONNEMENTS AU MOYEN D UN SCINTILLATEUR

Publication

EP 2452206 A4 20170329 (EN)

Application

EP 10797891 A 20100709

Priority

- US 2010041476 W 20100709
- US 22463509 P 20090710

Abstract (en)

[origin: WO2011006038A2] Methods and related systems are described for the detection of nuclear radiation. The system can include a tool body adapted to be deployed in a wellbore and a scintillator material that intrinsically generates radiation. The scintillator material is mounted within the tool body. A photodetection system is coupled to the scintillator material, and mounted within the tool body. Features in a spectrum associated with a scintillation material's intrinsic radioactive decay are used for the determination of one or more parameter's of the response function of the radiation detector system.

IPC 8 full level

G01T 1/20 (2006.01); **G01T 1/36** (2006.01); **G01V 5/04** (2006.01)

CPC (source: EP)

G01T 1/202 (2013.01); **G01V 5/04** (2013.01)

Citation (search report)

- [Y] US 5406078 A 19950411 - JACOBSON LARRY A [US]
- [Y] US 2008251709 A1 20081016 - COOKE STEVEN [US], et al
- [YA] US 6389367 B1 20020514 - PLASEK RONALD E [US]
- See references of WO 2011006038A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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