

Title (en)
Ionising radiation detector

Title (de)
Detektor für ionisierende Strahlung

Title (fr)
DéTECTEUR de rayonnement ionisant

Publication
EP 2363876 B1 20150429 (FR)

Application
EP 11156361 A 20110301

Priority
FR 1051502 A 20100302

Abstract (en)
[origin: EP2363876A1] The detector has conductor tubes (10-1-10n) arranged in a parallel manner, and containing pressurized gas mixture containing boron fluoride. Conductor wires (14-1-14-n) are arranged at the center of the corresponding tubes and are polarized with respect to the corresponding tubes. Each tube is divided into electrically insulated longitudinal sections i.e. longitudinal cells (12-1-12-m) having same cross-section. The sections of the tube are formed of a grid of electrically connected strips. A connection unit connects the sections of the tube to a polarization and detection circuit (18).

IPC 8 full level
H01J 47/02 (2006.01); **H01J 47/12** (2006.01)

CPC (source: EP US)
H01J 47/02 (2013.01 - EP US); **H01J 47/1211** (2013.01 - EP US)

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