

Title (en)

Dose calibrator standard for beta-emitters and method using the same

Title (de)

Standard Dosis-Kalibrierungsvorrichtung für Beta-Strahler und Verfahren dazu

Title (fr)

Standard appareil d'etalonnage de doses pour emetteurs beta et methode utilisant l'appareil

Publication

**EP 1416297 A1 20040506 (EN)**

Application

**EP 02024298 A 20021031**

Priority

EP 02024298 A 20021031

Abstract (en)

A welded strontium rod (3) for emitting beta radiation, has a beta-decay nuclide. A cylindrical aluminum tube (2) converts the beta-radiations emitted by the rod into Bremsstrahlung and cases the rod. The shape of the standard is maintained same as shape and dimension of beta-emitter to be calibrated. An independent claim is also included for method for calibrating beta-emitter.

IPC 1-7

**G01T 7/00**; **G01T 7/02**

IPC 8 full level

**G01T 7/00** (2006.01); **G01T 7/02** (2006.01); **G21F 5/015** (2006.01)

CPC (source: EP)

**G21F 5/015** (2013.01)

Citation (search report)

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