

Title (en)

IMPROVED PASSIVE NEUTRON COINCIDENCE AND MULTIPLICITY COUNTING

Title (de)

PASSIVE ERFASSUNG VON NEUTRONENKOINZIDENZEN UND VIELFATTEN

Title (fr)

COMPTAGE PERFECTIONNE DES MULTIPLICITES/COINCIDENCES DE NEUTRONS

Publication

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Application

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Priority

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- US 9441698 P 19980728

Abstract (en)

[origin: WO0025148A2] In a preferred embodiment, a method of enhancing the neutron coincidence assay of low fissile mass samples, by combining assay precision improvement algorithms with novel background and matrix correction algorithms, to provide lower levels of detection with higher confidence that the reported results are not subject to biases resulting from environmental or sample matrix effects.

IPC 1-7

G01T 1/00

IPC 8 full level

G01T 3/00 (2006.01); **G01T 1/00** (2006.01); **G01T 1/167** (2006.01); **G21F 9/00** (2006.01); **G21G 1/12** (2006.01)

IPC 8 main group level

G01T (2006.01)

CPC (source: EP KR)

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