

Infra-Red Signature Neutron Detector

Disclosure Number

200802148

Technology Summary

(Supplemental to ID-1791 S-108,790) A method of detecting an activator, the method including impinging with an activator a receptor material that includes a photoluminescent material that generates infrared radiation and generating a by-product of a radioactive decay due to the activator impinging the receptor material. The method further includes activating the photoluminescent material so as to generate the infrared radiation, identifying a characteristic of the activator based on the infrared radiation.

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