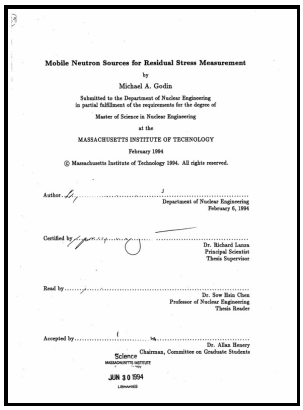
Detection and Gauging of Voids in Lead Castings with 14-Mev Neutrons.

s.n - US4476386A


Mobile Neutron Sources for Residual Stress Measurement

by

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Description: -
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-
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Laser beams were focused through holes onto the interior surfaces of the cavity rather than directly onto the capsule. PRECISION MEASUREMENT OF INTERNAL DIAMETERS OF LONG, SMALL BORE METAL TUBING R. The properties of the materials could be accounted for by equations of state, including ionization, degeneracy, etc.

US4476386A

One-sided imaging techniques are currently being used in nondestructive evaluation of surfaces and shallow subsurface structures.

Defect characterization, mechanical and thermal property evaluation in CVD

Detecting the presence of such an emission along with the amplitude of the emission signal can be interpreted by appropriate analysis equipment to provide a clear indication of the presence and quantity of the substance being interrogated.

Substance Detection Systems

The radiation detector consists of a number of individual detectors, with the number of individual detectors per unit length being greater in a first region of the detector than in a second region thereof. Plastec Report 22, August 1965 A review of nondestructive test methods and applications for plastics is presented. Measurements in the near UV, visible, near IR, and mid-IR ranges are possible with the existing instrument.

Journal of Physics: Conference Series, Volume 1021, 2018

Without the rate alarm, one radiographer may inadvertently walk up on the source exposed by the other radiographer.

Methods of Inspection for Finding Out Defects in Casting

According to the present method, this popular radio-isotope can be obtained, instead, by direct neutron resonant activation of a Molybdenum target, with the help of a much simpler and less costly Activator driven by small particle Accelerator. The accuracies of these test methods are compared for these alloys at nominal section thicknesses of 0. FIELD OF THE INVENTION This invention relates generally to an apparatus and method to detect the identity and concentration of substances in recyclable materials.

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