

Title (en)

METHODS AND APPARATUS FOR COLONIC NEOPLASIA DETECTION WITH HIGH FREQUENCY RAMAN SPECTRA

Title (de)

VERFAHREN UND VORRICHTUNG FÜR DEN NACHWEIS VON DICKDARMNEOPLASIEN MIT HF-RAMANSPEKTREN

Title (fr)

PROCÉDÉS ET APPAREILS DE DÉTECTION DE NÉOPLASIE DU CÔLON À SPECTRES RAMAN DE HAUTE FRÉQUENCE

Publication

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Application

EP 13849363 A 20131025

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Abstract (en)

[origin: WO2014063257A1] Raman spectroscopy at higher Raman shifts, for example, Raman shifts exceeding 1000 cm⁻¹ is applied for characterizing tissues of the colon. Characterization may comprise comparisons of peaks in the Raman spectrum and/or multivariate analysis. Compact, cost effective and disposable Raman probes may be provided. In one embodiment a Raman probe comprises a single pair of optical fibers having beveled ends.

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