

Title (en)
METHODS FOR DETECTING RAMAN SCATTERING USING AROMATIC COMPOUNDS COMPRISING PHOSPHATE AND AT LEAST ONE NON-LASER LIGHT SOURCE

Title (de)
VERFAHREN ZUR DETEKTION VON RAMAN-STREUUNG UNTER VERWENDUNG AROMATISCHER VERBINDUNGEN MIT PHOSPHAT UND MINDESTENS EINER NICHTLASER-LICHTQUELLE

Title (fr)
PROCÉDÉS POUR DÉTECTER LA DIFFUSION RAMAN EN UTILISANT DES COMPOSÉS AROMATIQUES COMPRENANT DU PHOSPHATE ET AU MOINS UNE SOURCE DE LUMIÈRE NON LASER

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Application
EP 11714460 A 20110328

Priority
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Abstract (en)
[origin: WO2011123386A1] The present disclosure provides systems for the rapid and sensitive detection of organisms and molecules in samples. Reactants that produce Raman-active products are used in combination with Raman light scattering and a detection system that utilizes at least one non-laser-based light source, such as a fluorescence detection system. Such compounds may comprise phosphates permitting the detection of phosphatases and phosphate-based enzyme assays, such as immunoassays and DNA-based assays. The present disclosure can also be used to measure enzyme-kinetics.

IPC 8 full level
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CPC (source: EP)
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See references of WO 2011123386A1

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