

Title (en)

COMPACT RAMAN MICROSCPECTROMETER WITH PLANAR DIGITAL IMAGING GRID STRUCTURES

Title (de)

KOMPAKTES RAMAN-MIKROSPEKTROMETER MIT ABBILDENDEN PLANAREN DIGITALEN GITTERSTRUKTUREN

Title (fr)

MICROSPECTROMÈTRE RAMAN COMPACT À STRUCTURES DE GRILLE NUMÉRIQUES PLANES D'IMAGERIE

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Application

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Abstract (en)

[origin: WO2020193677A1] The invention relates to a Raman microspectrometer assembly (100) comprising an incident light device (10) which is designed to be used in an upright configuration or in an inverse configuration while operating the Raman microspectrometer assembly and to be switched between the upright configuration and the inverse configuration while taking measurements using the Raman microspectrometer assembly. The Raman microspectrometer assembly also comprises a grid component device (20) which has planar digital structures and is designed to be used as an imaging optical component and/or as a dispersing optical component during the operation of the Raman microspectrometer assembly.

IPC 8 full level

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