



ISTITUTO ITALIANO
DI TECNOLOGIA

TITLE

Arrangement for Increasing the Spectral Contrast of a VIPA Spectrometer

INVENTORS

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DESCRIPTION

The present invention relates to Brillouin spectroscopy and microscopy techniques comprising at least one diffraction mask arranged along the optical axis of propagation of the electromagnetic output radiation, in a position not coincident with a spectral plane of the spectrometer. This diffraction mask comprises at least one segment inclined with respect to the dispersion axis.

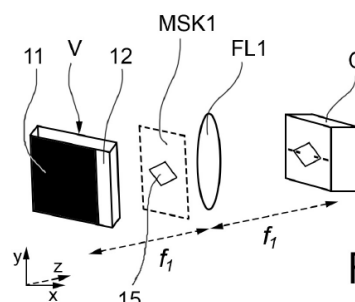


FIG. 1a

APPLICATIONS

Diagnostic, Biomedic

KEYWORDS

Atherosclerosis, cancer, glaucoma, confocal, Brillouin, VIPA, diffraction masks

BIBLIOGRAPHIC DATA

Disposizione Per Aumentare Il Contrasto Spettrale Di Uno Spettrometro VIPA

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