

Title (en)

DEVICE FOR GUIDING MEASURING LIGHT TO BE SPECTRALLY ANALYSED, METHOD FOR MANUFACTURING SUCH A DEVICE, AND APPARATUS FOR MEASURING DISTANCE AND THICKNESS

Title (de)

EINRICHTUNG ZUR LEITUNG VON SPEKTRAL ZU ANALYSIERENDEM MESSLICHT UND VERFAHREN ZUR HERSTELLUNG EINER SOLCHEN EINRICHTUNG SOWIE VORRICHTUNG ZUR ABSTANDS- UND DICKENMESSUNG

Title (fr)

DISPOSITIF DE GUIDAGE DE LUMIÈRE DE MESURE À ANALYSER PAR VOIE SPECTRALE ET PROCÉDÉ DE FABRICATION D'UN TEL DISPOSITIF AINSI QUE DISPOSITIF DE MESURE DE DISTANCE ET D'ÉPAISSEUR

Publication

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Application

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Abstract (en)

[origin: WO2024002439A1] The invention relates to a device for guiding measuring light to be spectrally analysed in a distance and/or thickness measuring system, in particular in a confocal-chromatic or interferometric distance and/or thickness measuring system, using an optical waveguide (11), the optical waveguide (11) having an exit end (12), that is preferably held by a ferrule, for the measuring light. The device is characterised in that a diaphragm (1) having a diaphragm opening (4) is located on the exit end (12). The invention also relates to a method for manufacturing such a device and to an apparatus for measuring distance and/or thickness.

IPC 8 full level

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