Title (en)

SCATTEROMETRIC MEASURING ARRAY AND MEASURING METHOD

Title (de)

SCATTEROMETRISCHE MESSANORDNUNG UND MESSVERFAHREN

Title (fr)

DISPOSITIF ET PROCEDE DE MESURE DIFFUSIOMETRIQUE

Publication

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Application

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Abstract (en)

[origin: WO03029770A1] The invention relates to a measuring array having an optical device into which a radiation beam (10) departing and diverging from a sample is injected for measurement and a detector (13) arranged downstream of said optical device, said detector having a plurality of detector pixels which are arranged on a plane and can be evaluated separately from one another, wherein the optical device (11) spectrally splits the diverging radiation beam (10) in a first direction crosswise to the direction of propagation of the radiation beam (10) and directs it towards the detector (13). The optical device parallelizes the radiation beam before it strikes the detector (13) in a second direction crosswise to the direction of propagation in such a manner that adjacent rays in the second direction of the radiation beam striking the detector (13) are parallel relative to one another.

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