

Title (en)

LAMELLAR STRUCTURE AND OPTICAL WAVEGUIDE SENSOR BASED ON PHOTOADDRESSABLE POLYMERS

Title (de)

SCHICHTSTRUKTUR UND OPTISCHER WELLENLEITER-SENSOR BASIEREND AUF PHOTOADRESSIERBAREN POLYMEREN

Title (fr)

STRUCTURE STRATIFIEE ET DETECTEUR OPTIQUE A GUIDE D'ONDES A BASE DE POLYMERES ADRESSABLES OPTIQUEMENT

Publication

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Application

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Priority

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Abstract (en)

[origin: US2005094958A1] An optical layer structure having at least two layers and also a sensor based on this layer structure are described. The layer structure comprises at least a substrate layer and at least one (light) waveguide layer and a coupling element for the coupling of the optical beam, the layer adjacent to the waveguide layer having a smaller refractive index than the waveguide layer, and at least one layer consisting of a photoaddressable polymer.

IPC 8 full level

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CPC (source: EP US)

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