Title (en)

INTEGRATED SIMULATION FABRICATION AND CHARACTERIZATION OF MICRO AND NANO OPTICAL ELEMENTS

Title (de)

INTEGRIERTE SIMULATION, HERSTELLUNG UND CHARAKTERISIERUNG VON MIKRO- UND NANOOPTISCHEN ELEMENTEN

Title (fr)

FABRICATION ET CARACTERISATION A SIMULATION INTEGREE D'ELEMENTS MICRO-OPTIQUES ET NANO-OPTIQUES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2004048285A1] The invention is directed to inserting a fiber into a piezo tube scanner so as to create an optical focusing device. The method and device integrates between theory, characterization methodology and integrated production methodologies that allow for the control of fabrication and the generation of structures that could not be fabricated or whose fabrication could not be controlled before the realization of such integrated and interconnected methodologies of simulation, production and characterization that had not been applied to guide the fabrication techniques of micro and/or nano optical components before the inventive steps of this invention.

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