

Title (en)

METHOD FOR PRINTING A NEAR-FIELD PHOTOINDUCED STABLE STRUCTURE AND OPTICAL FIBRE TIP THEREFOR

Title (de)

VERFAHREN ZUM DRUCKEN EINER NAHFELD-LICHTINDUZIERTEN STABILEN STRUKTUR UND OPTISCHE FASERSPITZE DAFÜR

Title (fr)

PROCEDE D'IMPRESSION D'UNE STRUCTURE STABLE PHOTOINDUITE EN CHAMP PROCHE, ET POINTE DE FIBRE OPTIQUE POUR SA MISE EN OEUVRE

Publication

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Application

**EP 02772467 A 20020726**

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Abstract (en)

[origin: WO03010604A1] The invention concerns a method for printing a near-field photoinduced stable structure, and an optical fibre tip therefor. The method comprises emitting light waves with appropriate polarisation on a photosensitive material layer to induce therein a topographical modification through an opening of not more than 100 nm delimited by an opaque zone, said layer being located at not more than 100 nm from the opening. The invention is applicable to ophthalmic optics.

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**G03F 7/20**; **G02B 6/255**

IPC 8 full level

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Citation (search report)

See references of WO 03010604A1

Citation (examination)

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