

Title (en)

LOW-COST, SIMPLE MASS PRODUCTION OF LIGHT-GUIDING TIPS

Title (de)

EINFACHE MASSENANFERTIGUNG VON LICHTLEITERSPITZEN

Title (fr)

PRODUCTION EN SERIE SIMPLE ET A FAIBLE COUT DE POINTES GUIDANT LA LUMIERE

Publication

EP 1012670 A1 20000628 (EN)

Application

EP 99926701 A 19990708

Priority

- EP 99926701 A 19990708
- EP 98112735 A 19980709
- IB 9901258 W 19990708

Abstract (en)

[origin: WO0003302A1] The present invention concerns light-guiding tips and a method of making the same. A method of manufacturing a light-guiding element with at least one tip having an aperture at its apex for light to pass through said aperture comprising the steps of: forming a tip-like indent in a substrate; depositing a light-guiding photoresist layer which fills the tip-like indent and covers at least a part of the substrate; and structuring the photoresist layer to form the light-guiding element out of the photoresist.

IPC 1-7

G03F 7/00; **G02B 21/00**

IPC 8 full level

G01Q 60/18 (2010.01); **G02B 21/00** (2006.01); **G03F 7/00** (2006.01); **G03F 7/004** (2006.01)

CPC (source: EP)

G01Q 60/22 (2013.01); **G03F 7/0005** (2013.01)

Citation (search report)

See references of WO 0003302A1

Cited by

WO2018118811A1; WO2018208882A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0003302 A1 20000120; EP 1012670 A1 20000628; JP 2002520599 A 20020709

DOCDB simple family (application)

IB 9901258 W 19990708; EP 99926701 A 19990708; JP 2000559481 A 19990708