

Title (en)
WAVEGUIDE PLATE AND SENSOR PLATFORMS BASED THEREON, ARRANGEMENTS OF SAMPLE CONTAINERS AND DETECTION METHODS

Title (de)
WELLENLEITERPLATTE SOWIE DARAUF BASIERENDE SENSORPLATTFORMEN, ANORDNUNGEN VON PROBENBEHÄLTNISSEN UND NACHWEISVERFAHREN

Title (fr)
PLAQUE DE GUIDE D'ONDES ET PLATES-FORMES DE CAPTEURS OBTENUES A PARTIR D'UNE TELLE PLAQUE, SYSTEMES DE RECIPIENTS D'ECHANTILLONNAGE ET PROCEDES DE MISE EN EVIDENCE

Publication
EP 1250582 A2 20021023 (DE)

Application
EP 01909687 A 20010125

Priority
• CH 1602000 A 20000127
• EP 0100782 W 20010125

Abstract (en)
[origin: EP1605288A1] Production of a grid structure comprises covering a surface section of a substrate with a photo lacquer layer (10); arranging the surface section in the near field of a phase mask (14) which has been structured according to a laser two beam interference method; irradiating the phase mask under the Littrow angle (theta L) or not more than 5 [deg]; developing the lacquer; etching the surface section to form the grid structure and removing the photo lacquer layer. Preferred Features: The phase mask is a transparent substrate and comprises a structured layer which the grid structure optically inactivates. The structured layer is made of a chrome layer.

IPC 1-7
G01N 1/00

IPC 8 full level
G01N 21/64 (2006.01); **G01N 21/552** (2014.01); **G01N 21/77** (2006.01); **G01N 33/53** (2006.01); **G01N 37/00** (2006.01); **G02B 5/18** (2006.01); **G02B 6/12** (2006.01); **G02B 6/122** (2006.01); **G02B 6/124** (2006.01); **G02B 6/13** (2006.01); **G02B 6/34** (2006.01); **G02B 6/02** (2006.01)

CPC (source: EP KR US)
G01N 21/552 (2013.01 - EP US); **G01N 21/648** (2013.01 - EP); **G01N 21/7703** (2013.01 - EP US); **G01N 21/7743** (2013.01 - EP US); **G02B 6/12007** (2013.01 - EP US); **G02B 6/124** (2013.01 - EP KR US); **G02B 6/34** (2013.01 - EP US); **G01N 2021/7776** (2013.01 - EP US); **G02B 6/02138** (2013.01 - EP US); **G02B 2006/12107** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0155691 A2 20010802; WO 0155691 A3 20020314; AT E307348 T1 20051115; AU 2660801 A 20010807; AU 3733901 A 20010807; AU 782096 B2 20050630; CA 2399651 A1 20010802; CN 1295530 C 20070117; CN 1419658 A 20030521; DK 1250618 T3 20060306; EP 1250582 A2 20021023; EP 1250618 A1 20021023; EP 1250618 B1 20051019; EP 1605288 A1 20051214; HK 1048663 A1 20030411; JP 2003521684 A 20030715; JP 2003521728 A 20030715; KR 100809802 B1 20080304; KR 100966984 B1 20100630; KR 20020073511 A 20020926; KR 20070118191 A 20071213; TW I292856 B 20080121; US 2003091284 A1 20030515; US 6510263 B1 20030121; US 6873764 B2 20050329; WO 0155760 A1 20010802

DOCDB simple family (application)
EP 0100782 W 20010125; AT 01901098 T 20010126; AU 2660801 A 20010126; AU 3733901 A 20010125; CA 2399651 A 20010126; CH 0100060 W 20010126; CN 01807088 A 20010126; DK 01901098 T 20010126; EP 01901098 A 20010126; EP 01909687 A 20010125; EP 05017720 A 20010126; HK 03100870 A 20030206; JP 2001555783 A 20010125; JP 2001555841 A 20010126; KR 20027009535 A 20020725; KR 20077026388 A 20010126; TW 90101579 A 20010120; US 18224702 A 20021118; US 49712900 A 20000203