

Title (en)

METHOD AND DEVICE FOR FABRICATING VOLUME BRAGG GRATINGS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON VOLUMEN-BRAGG-GITTERN

Title (fr)

PROCÉDÉ ET DISPOSITIF DE FABRICATION DE RÉSEAUX DE BRAGG DE VOLUME

Publication

EP 2606541 A4 20140115 (EN)

Application

EP 10856236 A 20100818

Priority

US 2010045853 W 20100818

Abstract (en)

[origin: WO2012023932A1] A system for recording multiple volume Bragg gratings (VBGs) in a photo thermo- refractive material is configured to implement a method which provides for irradiating the material by a coherent light through a phase mask. The system has a plurality of actuators operative to displace the light source, phase mask and material relative to one another so as to mass produce multiple units of the material each having one or more uniformly configured VBGs.

IPC 8 full level

H01S 5/02 (2006.01); **G02B 5/18** (2006.01); **G03H 1/02** (2006.01); **G03H 1/20** (2006.01)

CPC (source: EP KR)

G02B 5/1857 (2013.01 - EP KR); **G03H 1/0248** (2013.01 - EP KR); **H01S 3/0675** (2013.01 - KR); **G03H 2001/0268** (2013.01 - EP KR); **G03H 2001/205** (2013.01 - EP KR); **G03H 2001/306** (2013.01 - EP KR); **G03H 2222/36** (2013.01 - EP KR); **G03H 2260/54** (2013.01 - EP KR)

Citation (search report)

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- [IY] US 2009262774 A1 20091022 - LONG PIN [US]
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- [A] WO 2009035310 A1 20090319 - UAB GEOLA DIGITAL [LT], et al
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- See references of WO 2012023932A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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