

Title (en)

METHOD FOR THE PRODUCTION OF AN OPTICAL ELEMENT BY MEANS OF A MOLDING PROCESS, OPTICAL ELEMENT PRODUCED ACCORDING TO SAID METHOD, COLLECTOR, AND LIGHTING SYSTEM

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES OPTISCHEN ELEMENTES MIT HILFE VON ABFORMUNG, OPTISCHES ELEMENT HERGESTELLT NACH DIESEM VERFAHREN, KOLLEKTOR UND BELEUCHTUNGSSYSTEM

Title (fr)

PROCÉDÉ POUR PRODUIRE UN ÉLÉMENT OPTIQUE PAR FAÇONNAGE, ÉLÉMENT OPTIQUE PRODUIT AU MOYEN DE CE PROCÉDÉ, COLLECTEUR, ET SYSTÈME D'ÉCLAIRAGE

Publication

EP 2155932 A2 20100224 (DE)

Application

EP 08801441 A 20080529

Priority

- EP 2008004273 W 20080529
- DE 102007025278 A 20070531
- US 93251707 P 20070531

Abstract (en)

[origin: WO2008145364A2] Disclosed is a method for producing an optical element or part of an optical element having a base. Said method comprises the following steps: - a mold (21, 1000, 2000) is provided that has a surface corresponding to the geometry of the optical element; - a layer system (7) encompassing at least one separation layer system (15, 1010, 2010) is deposited on the surface of the mold (21, 1000, 2000); - a base (4, 1030, 2030) is electroformed on the layer system (7); - at least the base on the separation layer system (15, 1010, 2010) is detached from the mold (21, 1000, 2000).

IPC 8 full level

C23C 28/02 (2006.01); **C25D 1/06** (2006.01); **C25D 7/08** (2006.01); **G02B 17/06** (2006.01); **G03F 7/20** (2006.01); **G21K 1/06** (2006.01); **G21K 5/04** (2006.01)

CPC (source: EP KR US)

B82Y 10/00 (2013.01 - EP US); **C23C 14/0005** (2013.01 - EP US); **C23C 28/023** (2013.01 - EP US); **C23C 28/322** (2013.01 - EP US); **C23C 28/345** (2013.01 - EP US); **C23C 28/42** (2013.01 - EP US); **C25D 1/06** (2013.01 - EP KR US); **C25D 7/08** (2013.01 - EP KR US); **G02B 5/0816** (2013.01 - EP US); **G02B 5/0891** (2013.01 - EP US); **G02B 17/06** (2013.01 - KR); **G03F 7/20** (2013.01 - KR); **G03F 7/70166** (2013.01 - EP US); **G03F 7/70958** (2013.01 - EP US); **G21K 1/062** (2013.01 - EP US); **G21K 2201/061** (2013.01 - EP US); **G21K 2201/064** (2013.01 - EP US); **G21K 2201/067** (2013.01 - EP US); **Y10T 29/49812** (2015.01 - EP US)

Citation (search report)

See references of WO 2008145364A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2008145364 A2 20081204; **WO 2008145364 A3 20090129**; EP 2155932 A2 20100224; JP 2010528480 A 20100819; KR 20100017443 A 20100216; US 2010182710 A1 20100722

DOCDB simple family (application)

EP 2008004273 W 20080529; EP 08801441 A 20080529; JP 2010509734 A 20080529; KR 20097024793 A 20080529; US 62643709 A 20091125