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**Declarations under Rule 4.17:**

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

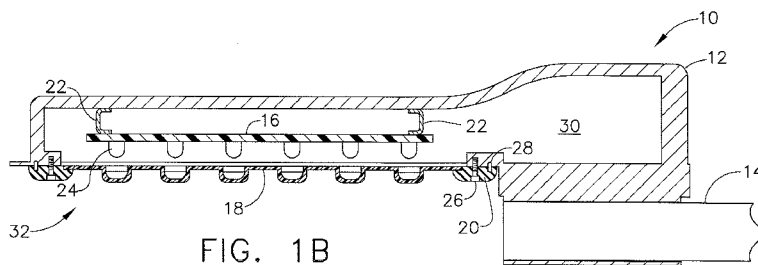
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- with international search report (Art. 21(3))
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(54) Title: LED LENS ASSEMBLY



(57) Abstract: A method of manufacturing a co-molded lens assembly comprising injecting a first material in a complete bezel mold having a bezel injection half and a bezel ejection half to form a bezel, and then injecting a second material in a complete optics mold to form a lens that is co-molded to the bezel. A third material is injected in a complete gasket mold to co-mold a gasket to the bezel.



**INTERNATIONAL SEARCH REPORT**

International application No.

PCT/US 14/18145

**A. CLASSIFICATION OF SUBJECT MATTER**  
**IPC(8)** - B29C 45/14; B29D 11/00; G02B 3/00 (2015.01)  
**CPC** - B29C 45/16, 45/1615  
 According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**  
 Minimum documentation searched (classification system followed by classification symbols)  
**IPC(8)** - B29C 45/14; B29D 11/00; G02B 3/00 (2015.01)  
**CPC** - B29C 45/16, 45/1615

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
**CPC** - B29C 45/0003, 45/0053, 45/006, 2045/0072, 2045/0089, 45/13, 2045/135, 45/14, 45/14336, 45/14467; B29D 11/00009, 11/00278; B29L 2011/0075; G02B 3/00; F21V 15/01, 17/101, 19/005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
 Patbase; Google Patents; Google Scholar; Google Web; Espacenet; Search Terms: acrylic\*, bezel\*, clear\*, comold\*, comould\*, cover\*, diode\*, direct\*, face\*, gasket\*, illuminat\*, integra\*, LED, lens\*, light\*, mold\*, mould\*, one piece, o-ring\*, optic\*, overmold\*, overmould\*, plate\*, polycarbonate\*, seal\*, silicone\*, single piece, third\*, transparen\*, w

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 2003/0197958 A1 (Wulff et al.) 23 October 2003 (23.10.2003), Figs. 2a and 5, para [0017]-[0020]	12-14 --- 1-11 and 15
Y	US 2007/0159008 A1 (Bayat et al.) 12 July 2007 (12.07.2007), para [0047], [0049]	1-11
Y	US 2010/0116387 A1 (Channey et al.) 13 May 2010 (13.05.2010), para [0004]	3
Y	US 2012/0126267 A1 (Jung et al.) 24 May 2012 (24.05.2012), para [0043]	15
A	US 2011/0215341 A1 (Bond et al.) 08 September 2011 (08.09.2011), para [0014], [0040]	1-15
A	US 2008/0089060 A1 (Kondo et al.) 17 April 2008 (17.04.2008), Fig. 5, para [0080]	1-15

Further documents are listed in the continuation of Box C.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

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