

Title (en)  
IP RATED LUMINAIRES

Title (de)  
LEUCHTEN MIT IP-SCHUTZKLASSE

Title (fr)  
LUMINAIRES AVEC CLASSEMENT IP

Publication  
**EP 3320260 A1 20180516 (EN)**

Application  
**EP 16739580 A 20160708**

Priority  
• GB 201512014 A 20150709  
• IB 2016054108 W 20160708

Abstract (en)  
[origin: GB2540277A] An ingress protection (IP) rated lens 10 for a luminaire comprises a first region 11 through which light from luminaire is emitted and a second region 12-14 which is resiliently deformable. This allows the light source in the luminaire to move with respect to the plane of the front of the luminaire, whilst retaining IP protection when the light source is out of the normal plane. The first and second regions may be made of the same or different materials. The first region may comprise an optical lens (31, Fig. 6) capable of focusing light from a light source and in this case the lens may replace a conventional lens used to focus light from an LED module.

IPC 8 full level  
**F21V 31/00** (2006.01); **F21S 8/02** (2006.01); **F21V 7/00** (2006.01); **F21V 14/06** (2006.01); **F21V 21/30** (2006.01)

CPC (source: EP GB)  
**F21S 8/026** (2013.01 - EP); **F21V 5/04** (2013.01 - GB); **F21V 7/0091** (2013.01 - EP); **F21V 14/06** (2013.01 - EP); **F21V 21/30** (2013.01 - EP); **F21V 31/00** (2013.01 - EP); **F21V 21/046** (2013.01 - EP)

Citation (search report)  
See references of WO 2017006289A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**GB 201611902 D0 20160824**; **GB 2540277 A 20170111**; **GB 2540277 B 20200318**; AU 2016290994 A1 20180208;  
AU 2016290994 B2 20181004; CN 108027133 A 20180511; CN 108027133 B 20200929; EP 3320260 A1 20180516; EP 3320260 B1 20200923;  
GB 201512014 D0 20150819; WO 2017006289 A1 20170112

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