

Title (en)  
Projection lighting device

Title (de)  
Projektions-Beleuchtungseinrichtung

Title (fr)  
Dispositif d'éclairage pour projection

Publication  
**EP 1798467 A1 20070620 (EN)**

Application  
**EP 05027317 A 20051214**

Priority  
EP 05027317 A 20051214

Abstract (en)  
A projection lighting device (5) includes a light source unit (51) having at least two frames each with a light emitting diode (512) and a reflection member (513) is connected to the light source unit. The reflection member includes at least two polyellipsoid surfaces (5131) so as to reflect the light beams from the light emitting diodes. The reflection member has two first flat surfaces (5132) in two ends thereof. A lens (52) is connected to the light source unit and has two second flat surfaces (524) in two ends thereof. The light source units can be arranged to be close to each other, the reflection member and the lens each have two flat surfaces such that the lighting device is compact in size.

IPC 8 full level  
**F21V 7/00** (2006.01); **F21S 8/10** (2006.01); **F21V 5/00** (2006.01)

CPC (source: EP US)  
**F21S 41/147** (2018.01 - EP US); **F21S 41/265** (2018.01 - EP); **F21S 41/36** (2018.01 - EP US); **F21Y 2115/10** (2016.08 - EP US)

Citation (search report)

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- [A] WO 2004031649 A1 20040415 - TRUCK LITE CO [US], et al
- [A] WO 2005036054 A1 20050421 - FED SIGNAL CORP [US], et al
- [A] US 2003072167 A1 20030417 - ALBOU PIERRE [FR]
- [A] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 18 5 June 2001 (2001-06-05)

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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1798467 A1 20070620**; **EP 1798467 B1 20080213**; AT E386234 T1 20080315; DE 602005004802 D1 20080327; DE 602005004802 T2 20090305

DOCDB simple family (application)  
**EP 05027317 A 20051214**; AT 05027317 T 20051214; DE 602005004802 T 20051214