

Title (en)  
Illumination device and illumination fixture

Title (de)  
Beleuchtungsanordnung und Beleuchtungsbefestigung

Title (fr)  
Dispositif d'éclairage et dispositif d'éclairage

Publication  
**EP 2587137 B1 20171213 (EN)**

Application  
**EP 12187246 A 20121004**

Priority  
JP 2011232618 A 20111024

Abstract (en)  
[origin: EP2587137A1] [Object] To reduce manufacturing and management costs to provide inexpensive illumination device and illumination fixture.  
[Means for Settlement] Since a first terminal part 321 electrically connected to an anode side of LED light sources 31 is different from a second terminal part 322 electrically connected to a cathode side of the LED light sources 31, wrong connection at assembling can be prevented. Thereby, since the type of LED units 30 can be made uniform, manufacturing and management costs of an illumination device 30 and an illumination fixture 10 can be reduced.

IPC 8 full level  
**F21V 23/06** (2006.01); **F21Y 115/10** (2016.01)

CPC (source: EP US)  
**F21V 23/06** (2013.01 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Citation (examination)

- EP 2209165 A1 20100721 - EREA NV [BE]
- DE 20018865 U1 20010201 - KEGELBAHNTECHNIK DORTMUND GMBH [DE]
- US 2010118532 A1 20100513 - LIANG CHIA-HAO [TW], et al
- DE 202010016257 U1 20110217 - BAG ENGINEERING GMBH [DE]
- US 2011235341 A1 20110929 - HONG SEUNG-SIK [KR], et al

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

DOCDB simple family (publication)  
**EP 2587137 A1 20130501; EP 2587137 B1 20171213; JP 2013093104 A 20130516; JP 5841802 B2 20160113**

DOCDB simple family (application)  
**EP 12187246 A 20121004; JP 2011232618 A 20111024**