

Title (en)  
Lamp

Title (de)  
Leuchte

Title (fr)  
Lampe

Publication  
**EP 1801488 A1 20070627 (DE)**

Application  
**EP 06001337 A 20060123**

Priority  
US 75364105 P 20051223

Abstract (en)  
The device (100) has a housing (101), and light emitting diodes (102) that are attached at and/or in the housing. Power supply devices of different types are provided for supplying electrical energy to the diodes (102), where the diodes (102) are arranged in a matrix-form. A retaining shell is provided for detachably retaining the housing. An adjusting device adjusts the light intensity of the diodes (102). A switch (104) is provided for switching-on and switching-off of the diodes.

IPC 8 full level  
**F21L 2/00** (2006.01); **F21L 4/08** (2006.01); **F21L 14/00** (2006.01); **F21S 9/02** (2006.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)  
**F21L 2/00** (2013.01 - EP US); **F21L 4/027** (2013.01 - EP); **F21L 4/08** (2013.01 - EP); **F21L 4/085** (2013.01 - EP); **F21L 14/023** (2013.01 - EP); **F21S 9/02** (2013.01 - EP); **F21V 21/0965** (2013.01 - EP); **F21L 4/025** (2013.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)

- [X] EP 1607678 A2 20051221 - PREMIER ELEKTRONIK GMBH [DE]
- [XY] WO 0203761 A1 20020110 - FACOM SA [FR], et al
- [X] DE 8612312 U1 19860703
- [X] US 2005030737 A1 20050210 - CHEN HSIU CHIN [TW]
- [YA] DE 10150941 A1 20030430 - NACKENHORST RAINER [DE]
- [YA] US 6857756 B2 20050222 - REIFF PAUL J [US], et al
- [YA] US 2005225968 A1 20051013 - HATHERILL RICHARD A [CA], et al
- [A] GB 2330404 A 19990421 - ALLIANCE IND CO LIMITED [HK]
- [A] US 6260985 B1 20010717 - ZELLER NOEL E [US]

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 1801488 A1 20070627**; DE 202006000991 U1 20060524; WO 2007079779 A1 20070719

DOCDB simple family (application)  
**EP 06001337 A 20060123**; DE 202006000991 U 20060123; EP 2006000556 W 20060123