

Title (en)
Lamp with LEDs and batteries

Title (de)
Leuchte mit Leuchtdioden und Batterien

Title (fr)
Dispositif d'éclairage avec diodes électroluminescentes et piles

Publication
EP 1686312 A1 20060802 (EN)

Application
EP 06380030 A 20060201

Priority

- ES 200500207 U 20050201
- ES 200500722 U 20050331

Abstract (en)
The invention is based on a lamp, indistinctly a floor, table, wall or ceiling lamp, with a base body (3) on which one or more lampshades (1) are established, directly to, or by means of, arms (5) which include a head (6) inside each lampshade, equipped with attachment means to the latter and to the foot (3) or arm (5), on the bottom base of which, and optionally on its top base, a plurality of led diodes (8) are established, which are associated to a circuit (9) housed inside the head (6) that constitutes the lighting means of the lamp and which, by means of a switch (11) are fed by a group of cells (10) or batteries housed in the actual lamp, either inside the head (6), or else inside a housing worked on the base (3), in any case, being accessible through the corresponding practical cover.

IPC 8 full level
F21S 9/02 (2006.01); **F21S 13/02** (2006.01); **F21S 13/12** (2006.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)
F21S 6/002 (2013.01 - EP US); **F21S 6/005** (2013.01 - EP); **F21S 9/02** (2013.01 - EP); **F21V 21/06** (2013.01 - EP);
F21V 23/0435 (2013.01 - EP); **F21S 8/033** (2013.01 - EP); **F21S 8/065** (2013.01 - EP); **F21V 17/105** (2013.01 - EP); **F21V 17/14** (2013.01 - EP);
F21Y 2115/10 (2016.07 - EP US)

Citation (search report)

- [X] DE 20314900 U1 20031120 - MAAS & ROOS LICHTWERBUNG GMBH [DE]
- [A] WO 03089838 A1 20031030 - ENGLAND GRAHAM [GB], et al
- [A] DE 20206201 U1 20020808 - GIERLING ILKA [DE]
- [A] WO 02052190 A1 20020704 - ZHANG CHEN [CN]

Cited by
WO2008148528A1; GB2456173A; EP3385615A1; JP2010153377A

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

DOCDB simple family (publication)
EP 1686312 A1 20060802

DOCDB simple family (application)
EP 06380030 A 20060201