

Title (en)

TRIS MULTITONE LED LAMP WITH INTEGRATED CONTROL UNIT LEVER

Title (de)

TRIS MULTITONE LED-LAMPE MIT HEBEL UND INTEGRIERTER STEUEREINHEIT

Title (fr)

LAMPE TRIS MULTITONE LED AVEC LEVIER ET UNITÉ DE COMMANDE INTÉGRÉE

Publication

**EP 3667156 A1 20200617 (EN)**

Application

**EP 19425091 A 20191210**

Priority

IT 201800011090 A 20181214

Abstract (en)

The present invention is about a LED light bulb (1) with a multi-tone control unit (3E) and an integrated lever (3F), that allow passing easily from a lighter shade of light to a darker one by directly operating the lever (3F) placed on the containing base (3) of the bulb (1).

IPC 8 full level

**F21K 23/00** (2015.01); **F21K 9/232** (2016.01); **F21V 23/04** (2006.01); **F21V 23/02** (2006.01); **F21V 29/70** (2015.01); **F21Y 105/10** (2016.01); **F21Y 105/12** (2016.01); **F21Y 113/13** (2016.01); **F21Y 115/10** (2016.01); **H05B 45/20** (2020.01)

CPC (source: EP GB)

**F21K 9/232** (2016.08 - EP GB); **F21V 23/006** (2013.01 - EP GB); **F21V 23/04** (2013.01 - EP GB); **F21V 23/02** (2013.01 - EP GB); **F21V 29/70** (2015.01 - EP GB); **F21Y 2105/10** (2016.08 - EP GB); **F21Y 2105/12** (2016.08 - EP GB); **F21Y 2113/13** (2016.08 - EP GB); **F21Y 2115/10** (2016.08 - EP GB); **H05B 45/20** (2020.01 - EP GB)

Citation (search report)

- [Y] US 2018288847 A1 20181004 - HALLIWELL BRIAN [US]
- [Y] US 2015382416 A1 20151231 - MUNDAY DAVID [US], et al
- [Y] CN 101886767 A 20101117 - UNIV JILIANG CHINA

Citation (third parties)

Third party : Lampo Lighting Technology SRL  
US 10091855 B2 20181002 - VAN WINKLE GARY [US]

Cited by

US11802669B1

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)

**EP 3667156 A1 20200617**; CN 113167441 A 20210723; GB 202107085 D0 20210630; GB 2593617 A 20210929; GB 2593617 B 20230823; IT 201800011090 A1 20190314; WO 2020121355 A1 20200618

DOCDB simple family (application)

**EP 19425091 A 20191210**; CN 201980081342 A 20191212; GB 202107085 A 20191212; IT 201800011090 A 20181214; IT 2019050265 W 20191212