

Title (en)
LAMP

Title (de)
LAMPE

Title (fr)
LAMPE

Publication
EP 3699481 A1 20200826 (EN)

Application
EP 19188352 A 20190725

Priority
CN 201920225527 U 20190222

Abstract (en)
A lamp is disclosed in the present disclosure, and includes a lamp tube (1), a light source assembly (2), a drive assembly (3) and a lamp base (4), the lamp tube (1) has tubular structure and has at least two segments (11) arranged in parallel with each other, the light source assembly (2) is arranged extending at least within the segment (11), the light source assembly (2) and the drive assembly (3) are electrically connected to each other, the drive assembly (3) is mounted fixed inside the lamp base (4). The lamp can meet the requirements of fluorescent lamp in terms of structural appearance and can replace fluorescent lamp. The lamp has the advantages of low weight, simple assembly, simple process flow, high production efficiency, high heat dissipation efficiency and low production cost.

IPC 8 full level
F21K 9/23 (2016.01); **F21K 9/237** (2016.01); **F21K 9/238** (2016.01); **F21V 3/02** (2006.01); **F21V 23/00** (2015.01); **F21V 29/506** (2015.01); **F21Y 103/10** (2016.01); **F21Y 107/30** (2016.01); **F21Y 115/10** (2016.01)

CPC (source: EP)
F21K 9/23 (2016.07); **F21K 9/237** (2016.07); **F21K 9/238** (2016.07); **F21V 3/02** (2013.01); **F21V 23/006** (2013.01); **F21V 29/506** (2015.01); **F21V 17/16** (2013.01); **F21Y 2103/10** (2016.07); **F21Y 2103/37** (2016.07); **F21Y 2107/30** (2016.07); **F21Y 2115/10** (2016.07)

Citation (search report)
• [X] CN 202056610 U 20111130 - ZHICHENG LI
• [X] CN 103511858 A 20140115 - SHENZHEN TOP TECHNOLOGY CO LTD
• [XY] CN 203656643 U 20140618 - CAI GANQIANG
• [X] CN 202812963 U 20130320 - ZHANG ZHIJIAN, et al
• [X] CN 103822123 A 20140528 - SUZHOU GLORY GREEN LIGHTING SYSTEM CORP
• [X] CN 104534313 B 20160824
• [X] US 2017013688 A1 20170112 - HSIA CHUNGHO [US]
• [X] WO 2016004723 A1 20160114 - CHEN HONGCHANG [CN]
• [X] CN 202040568 U 20111116 - ZHICHENG LI
• [X] CN 203686716 U 20140702 - SUZHOU GLORY GREEN LIGHTING SYSTEM CORP
• [Y] US 2013044471 A1 20130221 - CHEN TIEN-PAO [TW]
• [A] CN 204534224 U 20150805 - SHENZHEN CRESEA TECHNOLOGY CO LTD
• [A] US 10088142 B1 20181002 - MCGRATH WILLIAM RICHARD [US], 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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3699481 A1 20200826; **EP 3699481 B1 20240110**; CN 209325445 U 20190830

DOCDB simple family (application)
EP 19188352 A 20190725; CN 201920225527 U 20190222