

Title (en)  
LED LAMP

Title (de)  
LED-LAMPE

Title (fr)  
LAMPE À DEL

Publication  
**EP 3732391 A4 20210428 (EN)**

Application  
**EP 18897282 A 20181226**

Priority  
• CN 201711437808 A 20171226  
• CN 2018124024 W 20181226

Abstract (en)  
[origin: WO2019129096A1] An LED lamp is provided. The LED lamp includes an insulated heat dissipation pipe (20), an insulated heat dissipation end (10), and at least one LED lighting module (30) disposed on an outer wall of the insulated heat dissipation pipe (20). A first end (210) of the insulated heat dissipation pipe (20) has an opening (230). The insulated heat dissipation end (10) is configured to cover the opening (230) of the first end (210) of the insulated heat dissipation pipe (20). Both the insulated heat dissipation end (10) and a second end (220) of the insulated heat dissipation pipe (20) are provided with a lamp electrode (101, 102) respectively.

IPC 8 full level  
**F21V 29/503** (2015.01); **F21V 29/85** (2015.01); **F21V 29/87** (2015.01); **F21Y 115/10** (2016.01)

CPC (source: CN EP)  
**F21K 9/232** (2016.07 - CN); **F21K 9/238** (2016.07 - CN); **F21K 9/27** (2016.07 - EP); **F21V 3/02** (2013.01 - CN); **F21V 19/001** (2013.01 - CN);  
**F21V 23/003** (2013.01 - CN); **F21V 23/06** (2013.01 - CN); **F21V 29/503** (2015.01 - CN EP); **F21V 29/86** (2015.01 - EP);  
**F21V 29/87** (2015.01 - EP); **F21Y 2107/30** (2016.07 - EP); **F21Y 2115/10** (2016.07 - CN EP)

Citation (search report)  
• [X] US 2010019689 A1 20100128 - SHAN XINXIN [CA]  
• [I] US 9303860 B1 20160405 - MADIREDDI SESHA C [US], et al  
• [I] KR 100993181 B1 20101109 - KANG HEE DON [KR]  
• [A] US 2012188756 A1 20120726 - KOKOSKI BRADLEY ROBERT [US], et al  
• See references of WO 2019129096A1

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)  
**WO 2019129096 A1 20190704**; CN 108019631 A 20180511; EP 3732391 A1 20201104; EP 3732391 A4 20210428

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**CN 2018124024 W 20181226**; CN 201711437808 A 20171226; EP 18897282 A 20181226