

Title (en)  
CONTROLLER OF LED LAMP

Title (de)  
STEUERGERÄT EINER LED-LAMPE

Title (fr)  
DISPOSITIF DE COMMANDE DE LAMPE À DEL

Publication  
**EP 3482605 A1 20190515 (EN)**

Application  
**EP 17745370 A 20170705**

Priority  
• FI 20165564 A 20160706  
• FI 2017050507 W 20170705

Abstract (en)  
[origin: WO2018007674A1] A controller (116) of an LED illuminating lamp (110) is provided. The controller is configured to replace a starter of a gas discharge tube and it comprises a processing unit (204), pins (200, 202) contactable with counterparts of a starter socket, a power harvesting arrangement (206, 208) operationally coupled between the pins, and a switch (210) electrically coupled between the pins. The processing unit (204) is configured to control the switch between an electrically conducting state for switching light of the LED illuminating lamp on and an electrically non-conducting state for switching light of the LED illuminating lamp off. The power harvesting arrangement is configured to derive power for the controller from electric power fed to the pins irrespective of a state of the switch.

IPC 8 full level  
**H05B 44/00** (2022.01); **H05B 37/02** (2006.01)

CPC (source: EP FI US)  
**F21K 9/278** (2016.07 - FI); **F21V 23/003** (2013.01 - FI); **H05B 45/10** (2020.01 - FI); **H05B 47/19** (2020.01 - EP FI US);  
**H05B 45/37** (2020.01 - EP FI US)

Citation (search report)  
See references of WO 2018007674A1

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)  
**WO 2018007674 A1 20180111**; EP 3482605 A1 20190515; EP 3482605 B1 20191016; FI 127722 B 20190115; FI 20165564 A 20180107

DOCDB simple family (application)  
**FI 2017050507 W 20170705**; EP 17745370 A 20170705; FI 20165564 A 20160706