

Title (en)
LED lamp and method for operating the same

Title (de)
LED-Lampe und Betriebsverfahren dafür

Title (fr)
Lampe DEL et son procédé de fonctionnement

Publication
EP 2150093 A2 20100203 (EN)

Application
EP 09009400 A 20090720

Priority
• EP 08425529 A 20080730
• EP 09009400 A 20090720

Abstract (en)
There is described a light lamp which can be supplied at mains voltage and a method for its operation, wherein the lamp includes at least one LED and at least one PTC thermistor connected in series to the supply line of the LED. The dissipation of heat generated into the lamp is provided to keep the PTC thermistor at a predetermined substantially constant operating temperature.

IPC 8 full level
H05B 44/00 (2022.01)

CPC (source: EP US)
F21K 9/232 (2016.07 - EP US); **F21V 25/00** (2013.01 - EP); **F21V 29/74** (2015.01 - EP US); **H05B 45/00** (2020.01 - EP US); **H05B 45/56** (2020.01 - EP US); **F21V 29/89** (2015.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

Citation (applicant)
• EP 1526759 A2 20050427 - IMMOBILIARE EDER S R L [IT]
• EP 0891120 A2 19990113 - REITTER & SCHEFENACKER GMBH [DE]

Cited by
CN103162259A; DE102011114253A1; CN104244501A; US2015062939A1; US9463835B2

Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2150093 A2 20100203; EP 2150093 A3 20120418

DOCDB simple family (application)
EP 09009400 A 20090720