

Title (en)
Illuminating apparatus and method thereof

Title (de)
Beleuchtungsanordnung und Verfahren dafür

Title (fr)
Appareil et procédé d'éclairage

Publication
EP 2519080 A3 20131106 (EN)

Application
EP 12165662 A 20120426

Priority
TW 100115247 A 20110429

Abstract (en)
[origin: EP2519080A2] An illuminating apparatus (1) adapted to receive an input power which is a pulse DC includes a lighting unit (13), a detecting unit (11) and a controlling unit (15). The lighting unit (13) includes a plurality of lighting sets (131) and a switching unit. The switching unit (133) may be used to cause the lighting sets (131) interconnected in a serial fashion and /or in a parallel manner. The detecting unit (11) detects a state of the input power. The controlling unit (15) couples the detecting unit (11) and the lighting unit (13), and controls the switching unit (133) according to the detecting unit (11) detecting the state of the input power. As such, the turn-on voltages of the lighting unit (13) may adjust at different stages of the input power.

IPC 8 full level
H05B 44/00 (2022.01)

CPC (source: EP US)
H05B 45/44 (2020.01 - EP US); **H05B 47/185** (2020.01 - EP US)

Citation (search report)

- [XYI] WO 2010013172 A1 20100204 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
- [XYI] WO 2010141684 A1 20101209 - EXCLARA INC [US], et al
- [X] EP 2288234 A1 20110223 - ADVANCED CONNECTEK INC [TW]

Cited by
WO2015062790A1; CN114599132A; CN112314058A; DE102013222226B3; EP3030052A4; JP2015167213A

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 2519080 A2 20121031; EP 2519080 A3 20131106; EP 2519080 B1 20190911; TW 201244541 A 20121101; TW I442824 B 20140621

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EP 12165662 A 20120426; TW 100115247 A 20110429