

Title (en)

DIMMABLE POWER SUPPLY WITH INTERNAL DIMMING CHARACTERISTIC CURVE

Title (de)

Dimmbares Betriebsgerät mit interner Dimmkennlinie

Title (fr)

Alimentation dimmable avec courbe caractéristique propre

Publication

EP 2346305 B1 20180926 (DE)

Application

EP 11163203 A 20070613

Priority

- DE 102006028670 A 20060622
- EP 07764640 A 20070613
- EP 2007005216 W 20070613

Abstract (en)

[origin: WO2007147512A1] The invention relates to an operating device (BG) for lamps (LM), comprising an interface (IFi), by means of which the device (BG) may be provided with external dimming values. The device (BG) converts said provided external dimming values into internal dimming values on the basis of which the control of the connected lamps (LM) is achieved, the internal dimming values being of higher resolution than the external dimming values. According to the invention, the operating device (BG) is designed such that the conversion of the external dimming values into internal dimming values may be programmed. The operating device (BG) can particularly also be designed such that said conversion can be programmed with regard to the dynamics thereof. A programming can be provided by a time conversion relationship (linear, logarithmic or exponential time curve etc.) by means of which an internal dimming value corresponding to an external dimming value is reached.

IPC 8 full level

H05B 37/02 (2006.01); **H05B 41/392** (2006.01); **H05B 44/00** (2022.01)

CPC (source: EP US)

H05B 45/10 (2020.01 - EP US); **H05B 45/14** (2020.01 - EP US); **H05B 47/18** (2020.01 - EP US); **H05B 45/12** (2020.01 - EP US)

Citation (examination)

EP 2408273 A1 20120118 - VOSSLOH SCHWABE GMBH [DE]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102006028670 A1 20071227; **DE 102006028670 B4 20181025**; CN 101473701 A 20090701; CN 101473701 B 20130918; CN 103561505 A 20140205; CN 103561505 B 20160622; DE 202007019402 U1 20120419; EP 2030484 A1 20090304; EP 2030484 B1 20160302; EP 2030484 B2 20220622; EP 2346305 A2 20110720; EP 2346305 A3 20120606; EP 2346305 B1 20180926; EP 2765835 A1 20140813; EP 2765835 B1 20170913; PL 2030484 T3 20160630; PL 2030484 T5 20230220; PL 2346305 T3 20190329; PL 2765835 T3 20180629; US 2009167207 A1 20090702; US 8111010 B2 20120207; WO 2007147512 A1 20071227

DOCDB simple family (application)

DE 102006028670 A 20060622; CN 200780023366 A 20070613; CN 201310389044 A 20070613; DE 202007019402 U 20070613; EP 07764640 A 20070613; EP 11163203 A 20070613; EP 14164929 A 20070613; EP 2007005216 W 20070613; PL 07764640 T 20070613; PL 11163203 T 20070613; PL 14164929 T 20070613; US 30553907 A 20070613