

Title (en)

ACTIVE FACTOR CORRECTION IN CURRENT- OR POWER-CONTROLLED OPERATING DEVICES FOR LIGHTING DEVICES

Title (de)

COSINUS (PHI) - KORREKTUR BEI STROM- ODER LEISTUNGSGEREGLTEN BETRIEBSGERÄTEN FÜR LEUCHTMITTEL

Title (fr)

CORRECTION DE COSINUS (PHI) DANS DES BALLASTS À RÉGULATION DU COURANT OU DE LA PUISSANCE POUR DES LAMPES

Publication

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Application

EP 10752764 A 20100903

Priority

- DE 102009040284 A 20090904
- EP 2010062922 W 20100903

Abstract (en)

[origin: WO2011026926A2] The invention relates to a method for the controlled AC operation of a preferably dimmable operating device for lighting devices, such as LEDs, OLEDs or gas discharge lamps. The interval from significant points of the flow of the current through the lighting devices and of the voltage at the level of the lighting devices is used for a cos (F) correction of an actual value and/or of a rated value of the control while taking into consideration the DC portion of the voltage at the level of the lighting devices and/or of the DC portion of the current through the lighting devices.

IPC 8 full level

H05B 41/28 (2006.01); **G01R 21/00** (2006.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2011026926A2

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DOCDB simple family (publication)

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