Title (en)
INTERFERENCE-FREE LIGHT-EMITTING MEANS CONTROL

Title (de)
STÖRSICHERE LEUCHTMITTELSTEUERUNG

Title (fr)
COMMANDE D'UN LUMINAIRE PROTÉGÉE CONTRE LES PERTURBATIONS

Publication
EP 2638783 B1 20180221 (DE)

Application
EP 11784970 A 20111104

Priority
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• EP 2011069456 W 20111104

Abstract (en)
[origin: WO2012062664A1] An operating device (1) for light-emitting means (5), wherein the operating device (1) has an interface circuit (2) and a drive circuit (3), wherein the interface circuit (2) generates an interface signal (21, 31, 41, 51) depending on a control signal (Vn, 10), and wherein the drive circuit (3) drives at least one light-emitting means (5) depending on the interface signal (21, 31, 41, 51), wherein the control signal (Vn, 10) is an AC voltage control signal generated outside the operating device (1), wherein the interface circuit (2) detects overshooting of an upper threshold value of only one of two half-cycles of the control signal (Vn, 10), and the interface circuit (2) generates a first signal pulse (22, 55) in the interface signal (21, 31, 41, 51) for each detection of overshooting of an upper threshold value and identifies overshooting of a lower threshold value for the other half-cycle.

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