

Title (en)  
OPERATING DEVICE FOR AN ILLUMINANT

Title (de)  
BETRIEBSVORRICHTUNG FÜR EIN LEUCHTMITTEL

Title (fr)  
DISPOSITIF D'ACTIONNEMENT POUR UN ÉLÉMENT D'ÉCLAIRAGE

Publication  
**EP 3262901 B1 20220914 (EN)**

Application  
**EP 15882940 A 20150226**

Priority  
CN 2015073305 W 20150226

Abstract (en)  
[origin: WO2016134502A1] An operating device for an illuminant comprises input terminals (L, N) for being supplied with an AC voltage, output terminals (X1, X2) and a driving circuitry (1, 2) for driving the illuminant (3), when connected to the output terminals (X1, X2). In order to compensate an excessive high voltage between the output terminals (X1, X2) and the protective earth (PE) due to voltage surges at input terminals (L, N), bypass means (4) are provided to bypass a current from one of the output terminals (X1, X2) to protective earth (PE) and/or a neutral terminal (N) of the input terminals (L, N), wherein the bypass means (4) comprise at least one capacitor (C).

IPC 8 full level  
**H05B 45/37** (2020.01)

CPC (source: EP US)  
**H05B 45/37** (2020.01 - EP US); **H05B 45/385** (2020.01 - EP US); **H05B 47/24** (2020.01 - EP US); **H05B 47/26** (2020.01 - EP US)

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DOCDB simple family (publication)  
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