

Title (en)

BLEEDING CIRCUIT AND RELATED METHOD FOR PREVENTING IMPROPER DIMMER OPERATION

Title (de)

ABLEITSCHALTUNG UND ZUGEHÖRIGES VERFAHREN ZUR VORBEUGUNG UNGEEIGNETEN DIMMERBETRIEBS

Title (fr)

CIRCUIT DE FUITE ET PROCÉDÉ ASSOCIÉ POUR EMPÊCHER LE FONCTIONNEMENT IMPROPRE D'UN GRADATEUR

Publication

EP 2594113 A2 20130522 (EN)

Application

EP 10750181 A 20100810

Priority

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- IB 2010053614 W 20100810

Abstract (en)

[origin: WO2012007798A2] Disclosed are a method and apparatus for controlling bleed current, to provide the bleed current until ringing of input current at a dimmer has ceased in order to prevent misfiring of a dimmer and flicker of the light source. The return path current to the dimmer is boosted by the bleed current to be at a level greater than the holding current of the dimmer. As a result, the load current of the dimmer is increased to a sufficient minimum so that the dimmer can operate properly.

IPC 8 full level

H05B 44/00 (2022.01)

CPC (source: EP US)

H05B 45/3575 (2020.01 - EP US); **H05B 45/3725** (2020.01 - EP US)

Citation (search report)

See references of WO 2012007798A2

Citation (examination)

- WO 2005115058 A1 20051201 - POLYBRITE INTERNATIONAL INC [US], et al
- WO 2009138104 A1 20091119 - LIORIS B V [NL], et al
- WO 2010011971 A1 20100128 - CIRRUS LOGIC INC, et al
- GB 2435724 A 20070905 - MOOD CONCEPTS LTD [GB], et al

Cited by

CN104883799A

Designated contracting state (EPC)

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