

Title (en)
ISOLATED DRIVER MODULE WITH INDICATOR LED FOR COMMUNICATION

Title (de)
ISOLIERTES TREIBERMODUL MIT ANZEIGE-LED ZUR KOMMUNIKATION

Title (fr)
MODULE DE COMMANDE ISOLÉ AVEC INDICATEUR DEL DE COMMUNICATION

Publication
EP 3716731 B1 20220209 (EN)

Application
EP 19165056 A 20190326

Priority
EP 19165056 A 20190326

Abstract (en)
[origin: EP3716731A1] The present application discloses an isolated driver module for electrically supplying lighting means, comprising a galvanic isolation barrier, a control circuit and a status indication module arranged on the secondary side of the isolated driver module, wherein the status indication module comprises at least one indicator LED electrically supplied via supply means, and a communication module arranged on the primary side. The control circuit is configured to control the electrical supply of the at least one indicator LED via the supply means for controlling a visual indication of the status of the isolated driver module by the at least one indicator LED. Furthermore the control circuit is configured to control the electrical supply of the at least one indicator LED via the supply means such that the electrical supply is switched, in order to electromagnetically transmit information from the status indication module to the communication module. The present application further discloses a luminaire with such an isolated driver module and a method for operating such an isolated driver module.

IPC 8 full level
H05B 44/00 (2022.01); **H05B 45/10** (2020.01); **H05B 47/19** (2020.01)

CPC (source: EP)
H05B 45/10 (2020.01); **H05B 47/19** (2020.01)

Cited by
CN115273693A; EP4083951A3; EP4123874A1

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