

Title (en)  
DIMMER SYSTEM

Title (de)  
ABBLENDSYSTEM

Title (fr)  
SYSTÈME GRADATEUR

Publication  
**EP 3257332 A1 20171220 (EN)**

Application  
**EP 16748468 A 20160209**

Priority  
• AU 2015900402 A 20150209  
• AU 2016000033 W 20160209

Abstract (en)  
[origin: WO2016127198A1] A premises including a dimming system for large area lighting may be upgraded to use LEDs incorporating a driver without upgrading the legacy dimming system. The driver receives a control signal from the legacy dimming system, e.g. a chopped mains waveform, and determines a signal level from the control signal. The signal level is used as an input to modulate a pulse width of a pulse width modulated signal having a frequency greater than the human fusion flicker rate. The pulse width modulated signal is provided to the LEDs. The width of the pulse determines the average current to the LED element and hence the light level output of the LEDs.

IPC 8 full level  
**H05B 44/00** (2022.01)

CPC (source: EP US)  
**H05B 45/10** (2020.01 - EP US)

Citation (search report)  
See references of WO 2016127198A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2016127198 A1 20160818**; AU 2016218927 A1 20170928; EP 3257332 A1 20171220

DOCDB simple family (application)  
**AU 2016000033 W 20160209**; AU 2016218927 A 20160209; EP 16748468 A 20160209