

Title (en)
Lighting control

Title (de)
Beleuchtungssteuerung

Title (fr)
Commande d' éclairage

Publication
EP 1528841 A3 20050706 (EN)

Application
EP 04256681 A 20041028

Priority
GB 0325514 A 20031031

Abstract (en)
[origin: EP1528841A2] A lighting system is controlled by lighting control apparatus 40 dependent on a received input signal 41 representing a required perceived illumination level. The lighting control apparatus comprising a sigma-delta converter having an input filter 47 for providing a filtered input signal 411 from the input signal 41 to a precision comparator 44 for comparing the filtered input signal with a feedback input signal 451 from a system model module 45 simulating an effect of the input signal on the lighting system. A resultant perceived illumination level is compared with the required perceived illumination level, and the precision comparator provides an output signal 42 for controlling a power supply 43 to the lighting system 46 to provide the required perceived illumination level. <IMAGE>

IPC 1-7
H05B 33/08

IPC 8 full level
H05B 33/08 (2006.01); **H05B 44/00** (2022.01)

CPC (source: EP GB US)
H05B 45/20 (2020.01 - EP GB US); **H05B 45/22** (2020.01 - EP US)

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1528841 A2 20050504; EP 1528841 A3 20050706; GB 0325514 D0 20031203; GB 2407654 A 20050504; GB 2407654 B 20070808

DOCDB simple family (application)
EP 04256681 A 20041028; GB 0325514 A 20031031