

Title (en)

Device and method for controlled-spectrum lighting

Title (de)

Anordnung und Verfahren zur Steuerung des Beleuchtungsspektrums

Title (fr)

Dispositif et procédé de commande du spectre d' un éclairage

Publication

EP 1067825 A3 20020612 (EN)

Application

EP 00830455 A 20000628

Priority

IT FI990158 A 19990708

Abstract (en)

[origin: EP1067825A2] The lighting device comprises: a plurality of light sources with varied light-emission spectra; photodetection means which determine at least one characteristic of the ambient spectrum; feedback means which compare said at least one characteristic of the ambient spectrum with a corresponding characteristic of a preconfigured spectrum and modify the emission of at least one of said sources so as to minimize the difference between the characteristic of the ambient spectrum detected and the characteristic of the preconfigured spectrum. <IMAGE>

IPC 1-7

H05B 37/02; **H05B 41/36**

IPC 8 full level

H05B 41/36 (2006.01); **H05B 41/392** (2006.01)

CPC (source: EP)

H05B 41/36 (2013.01); **H05B 41/3922** (2013.01)

Citation (search report)

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- [X] WO 9605546 A1 19960222 - TAILORED LIGHTING INC [US]
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- [Y] US 2759392 A 19560821 - SWEET MONROE H
- [X] PATENT ABSTRACTS OF JAPAN vol. 1995, no. 06 31 July 1995 (1995-07-31)
- [A] BRAINARD D H: "COLORIMETRY", HANDBOOK OF OPTICS. FUNDAMENTALS, TECHNIQUES, AND DESIGN, NEW YORK, MCGRAW-HILL, US, VOL. VOL. 1, PAGE(S) 2601-2654, ISBN: 0-07-047740-X, XP002040706

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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1067825 A2 20010110; **EP 1067825 A3 20020612**; **EP 1067825 B1 20041215**; AT E285165 T1 20050115; DE 60016674 D1 20050120; DE 60016674 T2 20060316; ES 2232410 T3 20050601; IT 1308289 B1 20011210; IT FI990158 A0 19990708; IT FI990158 A1 20010108

DOCDB simple family (application)

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