

Title (en)
LIGHT SOURCE APPARATUS

Title (de)
LICHTQUELLENVORRICHTUNG

Title (fr)
APPAREIL DE SOURCE DE LUMIÈRE

Publication
EP 3422817 A3 20190327 (EN)

Application
EP 18179703 A 20180626

Priority
US 201715632393 A 20170626

Abstract (en)
[origin: EP3422817A2] An embodiment of the disclosure provides a light source apparatus including a light-emitting module and a control unit. The light-emitting module is configured to provide a light. The control unit is configured to change proportion of a first sub-light and a second sub-light to form the light so that a circadian action factor (CAF) and a correlated color temperature (CCT) of the light varies along a CAF vs. CCT locus of the light different from a CAF vs. CCT locus of sunlight. A CAF vs. CCT coordinate of one of the first sub-light and the second sub-light is below the CAF vs. CCT locus of sunlight, and a CAF vs. CCT coordinate of the other one of the first sub-light and the second sub-light is above the CAF vs. CCT locus of sunlight. A display apparatus is also provided.

IPC 8 full level
H05B 44/00 (2022.01)

CPC (source: CN EP US)
G09G 3/3413 (2013.01 - CN); **H05B 44/00** (2022.01 - CN EP US); **H05B 45/20** (2020.01 - CN EP US)

Citation (search report)

- [XAI] US 2016366746 A1 20161215 - VAN DE VEN ANTONY PAUL [HK], et al
- [X] US 2014228914 A1 20140814 - VAN DE VEN ANTONY PAUL [HK], et al
- [XAI] US 2015062892 A1 20150305 - KRAMES MICHAEL R [US], et al

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)
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DOCDB simple family (application)
EP 18179703 A 20180626; CN 201810672645 A 20180626; JP 2018121268 A 20180626; TW 107121837 A 20180626; TW 108143650 A 20180626; TW 108145971 A 20180626