

Title (en)

Multimode color tunable light source and daylighting system

Title (de)

Farbverstellbare Mehrmodus-Lichtquelle und Tageslichtsystem

Title (fr)

Source lumineuse réglable à couleur multimode et système d'éclairage naturel

Publication

EP 2680671 A3 20150708 (EN)

Application

EP 13174044 A 20130627

Priority

US 201213536147 A 20120628

Abstract (en)

[origin: EP2680671A2] A lighting system comprising: a natural light source configured to deliver natural light to the interior of a structure, a multimode artificial light source (207); an all sky camera (209), a control unit (211) in communication with said multimode artificial light source and said all sky camera and a mixing chamber (215) configured to receive light from said natural light source and light from said at least one multimode artificial light source, wherein said control unit (211) is configured to, in response to an environmental control signal from said all sky camera, output at least one control signal to said multimode artificial light source and wherein said multimode artificial light source (207) is configured to output light of varying color and color temperature in response to said at least one control signal.

IPC 8 full level

F21S 10/02 (2006.01); **F21S 11/00** (2006.01); **F21S 19/00** (2006.01); **H05B 33/08** (2006.01); **H05B 44/00** (2022.01)

CPC (source: EP US)

F21S 11/00 (2013.01 - EP US); **F21S 19/005** (2013.01 - EP); **H05B 45/20** (2020.01 - EP US)

Citation (search report)

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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)

EP 2680671 A2 20140101; EP 2680671 A3 20150708; EP 2680671 B1 20191002

DOCDB simple family (application)

EP 13174044 A 20130627