

Title (en)

Three - dimensional lighting structure utilizing light active technology

Title (de)

Dreidimensionale Beleuchtungsstruktur mit lichtaktiver Technologie

Title (fr)

Structure d'éclairage tridimensionnelle utilisant la technologie de photoactivité

Publication

EP 2639495 B1 20161130 (EN)

Application

EP 13159344 A 20130315

Priority

- US 201213421916 A 20120316
- US 201213421921 A 20120316

Abstract (en)

[origin: EP2639495A2] A structure and method for three-dimensional lighting using light active technology. The structure has one or more sheets of light active material, with each sheet having lighting elements. The structure additionally has one or more folding elements along which the sheets of light active material are foldable to create a three-dimensional lighting structure having a center element located at a back side of the three-dimensional lighting structure. A power supply element can then be used to provide power to the lighting elements. A fastening element fastens together the sheets of light active material at fastening points to retain the three-dimensional lighting structure created by folding the one or more sheets of light active material. The three-dimensional lighting structure may be attached to a surface by attaching the center element directly to the surface or by attaching the center element to a substantially rigid backing that attaches to the surface.

IPC 8 full level

F21S 8/00 (2006.01); **G09F 13/22** (2006.01); **F21Y 105/00** (2016.01)

CPC (source: EP US)

A47G 33/08 (2013.01 - EP US); **A47G 2033/0827** (2013.01 - EP); **F21W 2121/00** (2013.01 - EP); **F21W 2121/006** (2013.01 - EP); **F21Y 2105/00** (2013.01 - EP US); **F21Y 2115/15** (2016.07 - EP US)

Cited by

WO2016039908A1; US11466850B2; US11713875B2; US9324693B2

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

DOCDB simple family (publication)

EP 2639495 A2 20130918; **EP 2639495 A3 20140507**; **EP 2639495 B1 20161130**; CA 2809626 A1 20130916; CA 2809626 C 20171024; CA 2809629 A1 20130916; CA 2809629 C 20171024; EP 2639783 A2 20130918; EP 2639783 A3 20140507; EP 2639783 B1 20160720

DOCDB simple family (application)

EP 13159344 A 20130315; CA 2809626 A 20130315; CA 2809629 A 20130315; EP 13159335 A 20130315