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 2639783 A2 20130918 (EN)

Application

EP 13159335 A 20130315

Priority

- US 201213421916 A 20120316
- US 201213421921 A 20120316

Abstract (en)

A structure and method for three-dimensional lighting using light active technology. The structure has one or more non-rigid, flexible, foldable double-faced sheet of light active material formed of two opposedly facing sheets of light active material arranged back-to-back and configured to emit light from front and back sides of the at least one double-faced of light active material. A collapsible three-dimensional lighting structure is formed of the double-faced sheet(s) of light active material and a folding element. A power supply element provides power to the circuitry and is coupled to the plurality of lighting elements of the two opposedly facing sheets of light active material. A fastening element coupled to the double-faced sheets of light active material at a fastening point removably retains the three-dimensional form.

IPC 8 full level

F21S 8/00 (2006.01); **A47G 33/08** (2006.01); **G09F 13/22** (2006.01); F21Y 105/00 (2006.01)

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)

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 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