

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 A3 20140507 (EN)**

Application

**EP 13159335 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); **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)

Citation (search report)

- [YA] WO 03023807 A1 20030320 - RECOT INC [US], et al
- [YA] WO 9218964 A1 19921029 - MCTAGGART STEPHEN I [US]
- [YA] US 2004070195 A1 20040415 - NELSON VERONICA A [US], et al
- [Y] US 2005248935 A1 20051110 - STRIP DAVID R [US], et al
- [Y] EP 1367676 A1 20031203 - EASTMAN KODAK CO [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