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 A2 20130918 (EN)

Application

EP 13159344 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 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

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CPC (source: EP US)

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Cited by

WO2016039908A1; US11466850B2; US11713875B2; US9324693B2

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Designated extension state (EPC)

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