

Title (en)
Lighting system with flexible self-supporting structure

Title (de)
Beleuchtungseinrichtung mit einer selbsttragenden flexiblen Struktur

Title (fr)
Système d'éclairage avec structure auto-porteuse flexible

Publication
EP 2077416 A2 20090708 (EN)

Application
EP 08170879 A 20081205

Priority
IT MI20070428 U 20071220

Abstract (en)
A lighting system (1) comprises a plurality of lighting bodies (10) provided with at least one light source (11) and arranged on a structure suitable for supporting and supplying power thereto which consists of a pair of elastically deformable metal strips (2, 3) suitable to form a flexible self-supporting structure, connected at their ends to two end boxes (4, 5) which in turn are pivotally mounted on respective bases (6, 7). Such a lighting system retains the structural simplicity of known systems yet dispensing with the numerous supports of cable systems, with the relevant restraints, and without the rigid shape limitations of rail systems, and can be used as desk or floor lamp. In this way, the user can form a lighting system with great freedom of shape, easy mounting and modification, and possibility of complicated paths that can not be obtained with prior art lighting systems.

IPC 8 full level
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CPC (source: EP US)
F21S 4/20 (2016.01 - EP); **F21S 6/002** (2013.01 - EP US); **F21S 6/005** (2013.01 - EP); **F21S 8/03** (2013.01 - EP); **F21V 21/35** (2013.01 - EP); **F21S 2/00** (2013.01 - EP US); **F21S 8/033** (2013.01 - EP); **F21S 8/04** (2013.01 - EP); **F21V 21/06** (2013.01 - EP); **F21V 21/096** (2013.01 - EP); **F21V 21/13** (2013.01 - EP)

Cited by
GB2472884A; DE102013006053A1; CN111791637A; US10458629B2; US10680383B2; DE102020202916B4; US10132452B2; EP3382273A1; CN111998247A

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Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
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