

Title (en)
VARIABLE FOCUS LIGHTING FIXTURE

Title (de)
LEUCHTE MIT VARIABLEM FOKUS

Title (fr)
FIXATION D'ÉCLAIRAGE À FOCAL VARIABLE

Publication
EP 3299709 B1 20180912 (EN)

Application
EP 16190034 A 20160922

Priority
EP 16190034 A 20160922

Abstract (en)
[origin: EP3299709A1] A variable focus lighting fixture includes fixed and moveable sleeve assemblies (100, 200), a light emitting unit (300), a lens (400) and an actuation assembly (500). The moveable sleeve assembly (200) penetrates into the fixed sleeve assembly (100) and moves relatively. The light emitting unit (300) is secured onto the fixed sleeve assembly (100). The lens (400) is secured onto the moveable sleeve assembly (200). The actuation assembly (500) is connected between the moveable and fixed sleeve assemblies (200, 100). The actuation assembly (500) includes a spiral curve slot (510) and a sliding pin (520) penetrating therein. When the moveable sleeve assembly (200) rotates along a central axis thereof, the sliding pin (520) moves along the spiral curve slot (510) to drive the moveable sleeve assembly (200) along the axial direction thereof. Accordingly, the projection path of light from the light emitting unit (300) through the lens (400) is altered.

IPC 8 full level
F21V 14/06 (2006.01); **F21V 17/02** (2006.01); **F21Y 115/10** (2016.01)

CPC (source: EP)
F21V 14/06 (2013.01); **F21V 17/02** (2013.01); **F21V 17/12** (2013.01); **F21Y 2115/10** (2016.07)

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 3299709 A1 20180328; EP 3299709 B1 20180912

DOCDB simple family (application)
EP 16190034 A 20160922