Title (en)

LIGHTING SYSTEM BASED ON SIGHT BLOCKING AND MULTIPLE REFLECTION FOR POINT AND DIRECTIONAL LIGHT SOURCES

Title (de)

BELEUCHTUNGSSYSTEM AUF DER BASIS VON SICHTSPERRE UND MEHRFACHREFLEXION FÜR PUNKT- UND RICHTUNGSLICHTQUELLEN

Title (fr)

SYSTÈME D'ÉCLAIRAGE BASÉ SUR LE BLOCAGE DE LA VISION ET RÉFLEXION MULTIPLE POUR POINT ET SOURCES DE LUMIÈRE DIRECTIONNELLE

Publication

EP 3537037 A1 20190911 (EN)

Application

EP 18161042 A 20180309

Priority

EP 18161042 A 20180309

Abstract (en)

This invention is related to a high level of energy efficient modular lighting system based on multiple reflection and sight blocking, developed particularly for point/directional light emitting LEDs and other light sources of the same characteristics, generating convenient light properties (e.g. with respect to glare , color rendering , homogeneity) and providing light distribution control in line with the standards required by all applicable industrial lighting fields (indoor / office-school-hospital-supermarket etc. lighting, road and tunnel lighting, park and garden lighting, architectural lighting etc.) where point/directional light sources / LEDs are used.

IPC 8 full level

F21S 8/04 (2006.01); **F21V 7/00** (2006.01); **F21V 11/06** (2006.01); F21Y 105/10 (2016.01); F21Y 115/10 (2016.01)

CPC (source: EP)

F21S 8/04 (2013.01); **F21V 7/0083** (2013.01); **F21V 11/06** (2013.01); F21Y 2105/10 (2016.07); F21Y 2115/10 (2016.07)

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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)

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DOCDB simple family (application)

EP 18161042 A 20180309; TR 2019050023 W 20190110; TR 202004240 U 20190110