

Title (en)  
Lighting system

Title (de)  
Leuchtensystem

Title (fr)  
Système d'éclairage

Publication  
**EP 1980785 A1 20081015 (DE)**

Application  
**EP 08007182 A 20080411**

Priority  
DE 102007017866 A 20070413

Abstract (en)  
The lighting system (1) includes a number of connected light units (2) with at least one lighting board on which several LED lighting devices are fitted. Adjacent lighting units are electrically connected without cables by a plug-in system to a number of plug contacts. Each lighting board has a number of plugs and sockets for connecting the light units correctly.

Abstract (de)  
Die vorliegende Erfindung betrifft ein Leuchtensystem (1) umfassend eine Anzahl elektrisch miteinander verbindbarer Leuchteneinheiten (2) mit jeweils mindestens einer Leuchtenplatine (4, 4'), auf der mehrere LED-Leuchtmittel (5) angeordnet sind, wobei benachbarte Leuchteneinheiten (2) über ein Stecksystem (7) mit einer Anzahl von Steckkontakten kabellos elektrisch miteinander verbindbar sind.

IPC 8 full level  
**F21S 2/00** (2006.01); **F21S 4/00** (2006.01); **F21V 21/005** (2006.01); **F21V 23/06** (2006.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)  
**F21S 2/005** (2013.01 - EP); **F21V 21/005** (2013.01 - EP); **F21V 23/06** (2013.01 - EP US); **F21S 8/02** (2013.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)

- [XY] DE 202006011477 U1 20060921 - NINGBO ANDY OPTOELECTRONIC CO [CN]
- [YA] US 4581687 A 19860408 - NAKANISHI HIROBUMI [JP]
- [X] US 2002114155 A1 20020822 - KATOI MASAYUKI [JP], et al
- [XY] WO 2005024291 A2 20050317 - SPACE CANNON VH S P A [IT], et al
- [YA] US 6354714 B1 20020312 - RHODES MICHAEL [US]
- [X] US 6582103 B1 20030624 - POPOVICH JOHN [US], et al
- [YA] DE 202006002728 U1 20060413 - WILTEC WILDANGER TECHNIK GMBH [DE]

Cited by  
EP2214455A1; CN103842713A; EP2157357A1; FR3064337A1; EP3217086A1; CN107178768A; CN102472467A; DE102016104649A1; DE102016104649B4; DE102016015924B3; EP2811226A1; US9109765B2; US10018343B2; US9222655B2; WO2011012375A1; WO2018172700A1; WO2013026915A3; WO2013050913A1; EP2389535B1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**EP 1980785 A1 20081015**

DOCDB simple family (application)  
**EP 08007182 A 20080411**