

Title (en)
LIGHT STRIP SYSTEM

Title (de)
LICHTBANDSYSTEM

Title (fr)
SYSTÈME DE BANDES LUMINEUSES

Publication
EP 3575684 A1 20191204 (DE)

Application
EP 19171530 A 20190429

Priority
DE 202018102994 U 20180529

Abstract (en)
[origin: CN209909626U] The utility model discloses a linear light-emitting system. The light source comprises a plurality of illuminants. The light-emitting bodies can be electrically connected with each other and can be connected with a mechanical structure. In order to electrically connect the two illuminants, a socket connector is arranged on one of the luminous bodies; a plug connector is arranged on the other luminous body; in order to achieve a connection and an electrical connection of the mechanical structure by means of the plug connector and the socket connector, the plug connector and the socket connector are placed on surfaces of the light emitter that can be adapted to each other such that the plug connector and the socket connector are connected to each other in a form-fitting manner at least in the longitudinal direction of the linear light-emitting system. By adopting the linear light-emitting system provided by the technical scheme of the utility model, the installation time of the linear light-emitting system is reduced, and the installation structure is simpler on the whole.

Abstract (de)
Gegenstand der Erfindung ist ein Lichtbandsystem (1) mit mehreren in Reihe angeordneten Leuchten (3, 4), wobei die Leuchten (3, 4) elektrisch und mechanisch miteinander kuppelbar sind, wobei zur elektrischen Kupplung zweier Leuchten (3, 4) an der einen Leuchte (3, 4) ein weiblicher Steckverbinder (10) und an der anderen Leuchte (3, 4) ein männlicher Steckverbinder (15) vorgesehen ist, wobei zur Bereitstellung einer mechanischen und einer elektrischen Kupplung durch die beiden elektrischen Steckverbinder, die beiden Steckverbinder (10, 15) derart miteinander in Eingriff bringbar sind, dass die beiden Steckverbinder (10, 15) zumindest in Längsrichtung des Lichtbandes formschlüssig miteinander verbunden sind.

IPC 8 full level
F21V 21/35 (2006.01); **F21V 21/005** (2006.01); **F21V 23/06** (2006.01); **H01R 25/14** (2006.01); **F21S 2/00** (2016.01); **F21S 8/00** (2006.01); **F21Y 115/10** (2016.01)

CPC (source: EP)
F21V 21/005 (2013.01); **F21V 21/35** (2013.01); **F21V 23/06** (2013.01); **H01R 25/145** (2013.01); **F21S 2/005** (2013.01); **F21S 8/038** (2013.01); **F21Y 2115/10** (2016.07)

Citation (search report)

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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

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BA ME

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DE 202018102994 U1 20180719; CN 209909626 U 20200107; EP 3575684 A1 20191204; EP 3575684 B1 20210728

DOCDB simple family (application)
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