

Title (en)
ELECTRIFIED TRACK LIGHTING SYSTEM

Title (de)
SPURBELEUCHTUNGSSYSTEM

Title (fr)
SYSTÈME D'ÉCLAIRAGE SUR RAIL

Publication
EP 3819537 A1 20210512 (EN)

Application
EP 20205792 A 20201104

Priority
IT 201900020586 A 20191108

Abstract (en)
Electrified track lighting system, wherein the track (1) has a longitudinal shape (X) with a groove (SC) through which it is possible to insert a connection body (2), and wherein on a face inside the groove of at least an opposite wall (IS) of the track is arranged at least one conductor (1C1 - 1C4), said connection body (2) having a substantially complementary shape with said groove, the connection body (2) comprising at least one expansion element (22A, 22B, 23A, 23B) adapted to project externally from the connection body so as to stably lock the connection body inside said groove, wherein said expansion element is loaded by a resilient element (SP) and wherein said element expansion has an external surface on which at least one electrode (2C1, 2C2, 2C3, 2C4) is formed/attached, and wherein when the connection body is inserted into said groove, the expansion element presses said at least one electrode against said corresponding at least one conductor.

IPC 8 full level
F21V 23/06 (2006.01); **F21S 8/00** (2006.01); **F21V 21/35** (2006.01); **F21V 23/00** (2015.01); **H01R 25/14** (2006.01)

CPC (source: EP)
F21S 8/00 (2013.01); **F21V 21/35** (2013.01); **F21V 23/008** (2013.01); **F21V 23/06** (2013.01); **H01R 13/2421** (2013.01); **H01R 13/2478** (2013.01); **H01R 25/142** (2013.01)

Citation (applicant)
• DE 202013003560 U1 20140721 - PAULMANN LICHT GMBH [DE]
• CN 204513291 U 20150729 - WU BISHENG, et al

Citation (search report)
• [I] DE 202013003560 U1 20140721 - PAULMANN LICHT GMBH [DE]
• [I] CN 204513291 U 20150729 - WU BISHENG, et al
• [X] CN 207750854 U 20180821 - YILAI LIGHTING APPLIANCES JIANGMEN CO LTD
• [A] US 2019170334 A1 20190606 - STUCCHI ARISTIDE [IT]

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)
EP 3819537 A1 20210512; **EP 3819537 B1 20230329**; DK 3819537 T3 20230703; ES 2948885 T3 20230921; FI 3819537 T3 20230718; IT 201900020586 A1 20210508; PT 3819537 T 20230629

DOCDB simple family (application)
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