

Title (en)
DISTRIBUTOR PLUG-IN CONNECTOR ARRANGEMENT FOR A DEVICE CARRIER OF A STRIP-LIGHTING LUMINAIRE

Title (de)
VERTEILER-STECKVERBINDERANORDNUNG FÜR EINEN GERÄTETRÄGER EINER LICHTBANDLEUCHTE

Title (fr)
ENSEMBLE CONNECTEUR ENFICHABLE-DISTRIBUTEUR POUR UN SUPPORT D'APPAREIL D'UN CHEMIN LUMINEUX

Publication
EP 3235073 A1 20171025 (DE)

Application
EP 15813028 A 20151215

Priority
• DE 202014106094 U 20141217
• DE 202015105240 U 20151005
• EP 2015079845 W 20151215

Abstract (en)
[origin: WO2016096888A1] The invention relates to a distributor plug-in connector arrangement (10; 10') for a device carrier (100) of a strip-lighting luminaire, comprising: first connection means (11; 11') for connection of first lines of a first power supply circuit and of second lines of a second power supply circuit of a device carrier (100), a converter unit (120) for electrically coupling the first to the second power supply circuit being provided between the first power supply circuit and the second power supply circuit; second connection means (15; 15') which can engage a supply plug-in connector arrangement (50) to connect the first lines to an external power supply system; and third connection means (17; 17') which can engage a bridge plug-in connector arrangement (60) of an additional device carrier, and which are connected to first and/or second lines of the additional device carrier to connect the first and/or second lines of the device carrier (100) to the first and/or second lines of the additional device carrier. The invention further relates to a device carrier (100) for a strip-lighting luminaire, comprising: first lines for forming a first power supply circuit; second lines for forming a second power supply circuit; at least one converter unit (120) for electrically coupling the first to the second power supply circuit, said converter unit being mounted on the device carrier (100); and at least one distributor plug-in connector arrangement (10; 10') according to the invention. The invention furthermore relates to a strip-lighting luminaire comprising at least one device carrier (100) according to the invention.

IPC 8 full level
H01R 31/02 (2006.01); **H01R 9/24** (2006.01); **H01R 24/22** (2011.01); **H01R 107/00** (2006.01)

CPC (source: AT EP)
F21V 21/002 (2013.01 - AT); **F21V 23/001** (2013.01 - AT); **F21V 23/06** (2013.01 - AT); **H01R 9/03** (2013.01 - AT); **H01R 9/2491** (2013.01 - AT); **H01R 31/02** (2013.01 - AT EP); **H01R 33/00** (2013.01 - EP); **F21S 4/28** (2016.01 - EP); **F21V 23/009** (2013.01 - EP); **F21V 23/06** (2013.01 - EP); **F21Y 2115/10** (2016.07 - EP); **H01R 9/2491** (2013.01 - EP); **H01R 24/22** (2013.01 - EP); **H01R 2107/00** (2013.01 - EP)

Citation (search report)
See references of WO 2016096888A1

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)
DE 202015105240 U1 20160321; AT 15294 U1 20170515; EP 3235073 A1 20171025; EP 3235073 B1 20230201; WO 2016096888 A1 20160623

DOCDB simple family (application)
DE 202015105240 U 20151005; AT 1652015 U 20150622; EP 15813028 A 20151215; EP 2015079845 W 20151215