

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 B1 20230201 (DE)**

Application  
**EP 15813028 A 20151215**

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• 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.

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Citation (examination)  
• DE 102012020219 A1 20130418 - TRIDONIC CONNECTION TECHNOLOGY GMBH & CO KG [AT]  
• EP 1150399 A2 20011031 - WIELAND ELECTRIC GMBH [DE]

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