

Title (en)
LIGHTING SYSTEM

Title (de)
BELEUCHTUNGSSYSTEM

Title (fr)
SYSTÈME D'ÉCLAIRAGE

Publication
EP 3336420 A1 20180620 (DE)

Application
EP 17207328 A 20171214

Priority
DE 102016225199 A 20161215

Abstract (en)
[origin: US2018172257A1] A lighting system has at least one channel for receiving at least one light unit that can be inserted into the channel, and at least one connector that can be inserted into the channel. The channel has, in an inner region thereof, a busbar for supplying the light unit, which can be electrically coupled to the busbar, with power. The connector is designed to electrically couple busbar portions of the busbar to one another. Furthermore, the connector is designed to be mechanically coupled to portions of the channel. The channel and the connector are further designed such that, when inserted in the channel, the light unit can be arranged so as to overlap the connector, inserted into the channel in order to couple the busbar portions, within the channel.

Abstract (de)
Die vorliegende Erfindung betrifft ein Beleuchtungssystem. Das Beleuchtungssystem umfasst mindestens einen Kanal zur Aufnahme mindestens einer in den Kanal einsetzbaren Leuchteinheit, und mindestens einen in den Kanal einsetzbaren Verbinder. Der Kanal weist in einem Innenbereich desselben eine Stromschiene zur Versorgung der mit der Stromschiene elektrisch koppelbaren Leuchteinheit auf. Der Verbinder ist dafür ausgebildet, Stromschieneabschnitte der Stromschiene elektrisch miteinander zu koppeln. Ferner ist der Verbinder für eine mechanische Kopplung mit Abschnitten des Kanals eingerichtet. Weiterhin sind der Kanal und der Verbinder derart ausgebildet, dass die Leuchteinheit in einem in den Kanal eingesetzten Zustand mit dem zur Kopplung der Stromschieneabschnitte in den Kanal eingesetzten Verbinder innerhalb des Kanals überlappend anordenbar ist.

IPC 8 full level
F21V 21/005 (2006.01); **F21V 21/35** (2006.01); **F21V 23/06** (2006.01); **H01R 25/14** (2006.01); **F21S 2/00** (2016.01); **F21S 8/02** (2006.01); **F21V 5/04** (2006.01); **F21Y 103/10** (2016.01); **F21Y 115/10** (2016.01)

CPC (source: AT EP US)
F21S 2/005 (2013.01 - EP US); **F21S 4/20** (2016.01 - AT); **F21S 4/28** (2016.01 - AT US); **F21S 8/02** (2013.01 - EP US); **F21S 8/04** (2013.01 - AT); **F21V 5/04** (2013.01 - US); **F21V 5/043** (2013.01 - EP US); **F21V 19/0035** (2013.01 - US); **F21V 21/005** (2013.01 - AT EP US); **F21V 21/025** (2013.01 - AT); **F21V 21/096** (2013.01 - AT US); **F21V 21/35** (2013.01 - AT EP US); **F21V 23/023** (2013.01 - US); **F21V 23/0435** (2013.01 - US); **F21V 23/06** (2013.01 - AT EP US); **H01R 25/145** (2013.01 - EP US); **F21Y 2103/10** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US); **H01R 25/14** (2013.01 - AT)

Citation (search report)

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- [X] US 2015226384 A1 20150813 - PARK HYUN YONG [KR]
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Designated extension state (EPC)
BA ME

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EP 3336420 A1 20180620; **EP 3336420 B1 20200205**; AT 519507 A2 20180715; AT 519507 A3 20190615; AT 519507 B1 20201115; DE 102016225199 A1 20180621; US 10323837 B2 20190618; US 2018172257 A1 20180621

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