

Title (en)
LED light tube assembly with replaceable circuit board

Title (de)
LED-Lichtrohrbaugruppe mit austauschbarer Leiterplatte

Title (fr)
Ensemble de tube de lumière à DEL avec carte de circuit remplaçable

Publication
EP 2615357 A3 20140702 (EN)

Application
EP 12168236 A 20120516

Priority
TW 101200529 U 20120110

Abstract (en)
[origin: EP2615357A2] An LED light tube assembly includes a tube assembly (1) having therein first contacts (311) and second contacts (321); and a head assembly (2) mounted to one end of the tube assembly (1) and having at least two snaps (22) each with a first leg (221) and second leg (222) extending toward each other to detachably and electrically connect to the first contacts (311) and the second contacts (321) so that detachment of the at least two snaps (22) facilitates separation of the head assembly (2) from the tube assembly (1).

IPC 8 full level
F21K 99/00 (2010.01); **F21S 4/00** (2006.01); **F21V 19/00** (2006.01); **F21V 23/06** (2006.01); **F21V 23/00** (2006.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)
F21K 9/27 (2016.07 - EP US); **F21S 4/28** (2016.01 - EP); **F21V 19/0035** (2013.01 - EP US); **F21V 19/004** (2013.01 - EP); **F21V 23/06** (2013.01 - EP); **F21K 9/278** (2016.07 - EP US); **F21V 23/006** (2013.01 - EP US); **F21Y 2103/10** (2016.07 - EP US); **F21Y 2107/90** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)

- [XY] EP 2216859 A1 20100811 - TYCO ELECTRONICS CORP [US]
- [I] US 2011235320 A1 20110929 - CAI XIANGFA [CN], et al
- [Y] US 2010284195 A1 20101111 - LIU JUN [CN], et al
- [A] TW M409369 U 20110811 - NENG TYI PREC IND CO LTD [TW]

Cited by
US9726330B2; WO2015095171A3; WO2016037883A1; US11131431B2; US11649934B2; US11112068B2; US11519567B2; US11906115B2; US10897801B2; US11686457B2; JP2013235835A; US10890300B2; US11226073B2; US11698170B2

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)
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DOCDB simple family (application)
EP 12168236 A 20120516; TW 101200529 U 20120110