

Title (en)  
CONNECTOR ASSEMBLY FOR MOUNTING LIGHTING FIXTURE

Title (de)  
VERBINDERANORDNUNG ZUR MONTAGE EINE LEUCHTE

Title (fr)  
ENSEMBLE CONNECTEUR POUR MONTAGE DE LUMINAIRE

Publication  
**EP 3086030 A1 20161026 (EN)**

Application  
**EP 16166666 A 20160422**

Priority  
• US 201562152758 P 20150424  
• US 201514831952 A 20150821

Abstract (en)  
Provided is a lighting assembly comprising a pin end connector (400) and a knuckle end connector (500). The pin end connector (400) includes a protrusion (430) having at least one wall and a rotational fastener (432) configured to be received through and retained by the wall. The knuckle end connector (500) includes a discontinuous seat (530) having a first opening configured to receive the protrusion (430) and a second opening configured to receive the rotational fastener (432). The pin end connector (400) is configured to be received by the knuckle end connector (500) and pivotally rotate to attach the first connector assembly with the second connector assembly. Also provided is a method for joining the pin end connector (400) with the knuckle end connector (500).

IPC 8 full level  
**F21V 21/005** (2006.01)

CPC (source: CN EP)  
**F21S 2/00** (2013.01 - CN); **F21V 21/00** (2013.01 - CN); **F21V 21/005** (2013.01 - EP); **F21S 4/20** (2016.01 - EP); **F21Y 2103/00** (2013.01 - EP)

Citation (search report)  
• [X] DE 202014007923 U1 20141028 - BJB GMBH & CO KG [DE]  
• [X] WO 2012052477 A1 20120426 - CHROMLECH [FR], et al  
• [X] KR 20140066129 A 20140530 - NC LED CORP CO LTD [KR]  
• [X] US 2007247845 A1 20071025 - BANSBACH UDO [DE]  
• [X] GB 900552 A 19620711 - ASS ELECT IND  
• [A] US 4707766 A 19871117 - BERTOZZI MARCELLO [IT], et al

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 3086030 A1 20161026**; CN 106195937 A 20161207; TW 201708769 A 20170301

DOCDB simple family (application)  
**EP 16166666 A 20160422**; CN 201610504701 A 20160422; TW 105112620 A 20160422