

Title (en)  
FLEXIBLE SPLICED ASSEMBLY OF LAMP BODIES

Title (de)  
FLEXIBLE GESPLEISSTE ANORDNUNG VON LAMPENKÖRPERN

Title (fr)  
ENSEMBLE ÉPISSE FLEXIBLE DE CORPS DE LAMPE

Publication  
**EP 3726662 A1 20201021 (EN)**

Application  
**EP 20163154 A 20200313**

Priority  
CN 201920523845 U 20190417

Abstract (en)  
The present application relates to a flexible spliced assembly of lamp bodies. Two splicing seats (10) are connected through a flexible mechanism (20), achieving a large angle bending between the two splicing seats (10). During the splicing process, the splicing seat (10) matching a second lamp body can be bent out, there is therefore no need for the second lamp body to be on the same straight line as a first lamp body, it thus reduces the requirement of matching accuracy and facilitates installation, meanwhile, it avoids deformation and damage to the terminals of the lamp body and the pins (30) of the splice element. Therefore, it is unnecessary to reserve enough space for the second lamp body, as it is able to satisfy the splicing operation of the lamp bodies in a confined space. Meanwhile, it is suitable for splicing of corner lamp bodies and solves the problem of corner installation.

IPC 8 full level  
**H01R 13/50** (2006.01); **H01R 31/06** (2006.01)

CPC (source: EP)  
**H01R 13/501** (2013.01); **H01R 31/06** (2013.01)

Citation (search report)

- [XAI] EP 2302742 A1 20110330 - FUJITSU LTD [JP]
- [X] US 8043122 B1 20111025 - CHO SUDONG [US], et al
- [X] DE 102012011047 A1 20131205 - DIEHL AEROSPACE GMBH [DE]

Cited by  
CN112963628A; CN117989488A

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 3726662 A1 20201021**; **EP 3726662 B1 20240124**; CN 209744330 U 20191206

DOCDB simple family (application)  
**EP 20163154 A 20200313**; CN 201920523845 U 20190417