Title (en)

HOUSING FOR CONNECTOR PROVIDED WITH AN IMPROVED CABLE TERMINAL POSITION ASSURANCE (TPA)

Title (de)

ANSCHLUSSGEHÄUSE, DAS MIT EINER VORRICHTUNG ZUR VERBESSERTEN POSITIONSSICHERUNG DES KABELANSCHLUSSES (TPA) AUSGESTATTET IST

Title (fr)

BOITIER DE CONNECTEUR EQUIPE D'UN DISPOSITIF D'ASSURANCE DE POSITION DE TERMINAL DE CÂBLE (TPA) AMELIORE

Publication

EP 3651275 A1 20200513 (FR)

Application

EP 19207898 A 20191108

Priority

FR 1860421 A 20181112

Abstract (en)

[origin: US2020153144A1] The present application relates to a connector housing whose device, called terminal position assurance (TPA) device, installed so as to be able to slide inside the housing, transverse to its axis, is activated only by inserting a cable terminal whose body releases one or more flexible tabs of the TPA previously abutting against the housing.

Abstract (fr)

La présente invention concerne un boitier (10) de connecteur (1) dont le dispositif (2), dit d'assurance de position de terminal (TPA), monté coulissant à l'intérieur du boitier, transversalement à son axe est activé uniquement par l'insertion d'un terminal de câble (3) dont le corps vient débloquer un ou des pattes flexibles (21) du TPA préalablement en butée contre le boitier.

IPC 8 full level

H01R 13/436 (2006.01); H01R 9/03 (2006.01)

CPC (source: CN EP US)

H01R 13/426 (2013.01 - US); **H01R 13/4362** (2013.01 - EP); **H01R 13/5812** (2013.01 - CN); **H01R 13/6271** (2013.01 - US); **H01R 43/00** (2013.01 - CN); **H01R 43/20** (2013.01 - CN US); H01R 9/03 (2013.01 - EP); H01R 2201/26 (2013.01 - CN)

Citation (search report)

- [X] KR 101482973 B1 20150116 - LUXCONNTECHNOLOGY CO LTD [KR]
- [X] US 9680256 B1 20170613 - LANE DAVID JAMES [US], et al
- [A] EP 3203586 A1 20170809 - YAZAKI EUROPE LTD [GB]

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 3651275 A1 20200513; **EP 3651275 B1 20221026**; CN 111180952 A 20200519; CN 111180952 B 20211207; FR 3088491 A1 20200515; FR 3088491 B1 20211203; US 10797427 B2 20201006; US 2020153144 A1 20200514

DOCDB simple family (application)

EP 19207898 A 20191108; CN 201910496072 A 20190610; FR 1860421 A 20181112; US 201916420679 A 20190523