

Title (en)

AN ELECTRICAL CONNECTOR CONTACT, AN ELECTRICAL CONNECTOR HOUSING AND AN ELECTRICAL CONNECTOR

Title (de)

EIN ELEKTRISCHER STECKERKONTAKT, EIN ELEKTRISCHES STECKVERBINDERGEHÄUSE UND EIN ELEKTRISCHER STECKVERBINDER

Title (fr)

UN CONTACT DE CONNECTEUR ÉLECTRIQUE, UN BOÎTIER DE CONNECTEUR ÉLECTRIQUE ET UN CONNECTEUR ÉLECTRIQUE

Publication

**EP 4016754 A1 20220622 (EN)**

Application

**EP 20461597 A 20201217**

Priority

EP 20461597 A 20201217

Abstract (en)

The object of the invention is a contact for providing an electrical connection at an electrical connector, comprising:- a projection intended to block longitudinal movement of the contact by resting the projection on an edge cooperating therewith of the housing opening intended for the contact,- a first narrowing with a seal embedded therein,- a second narrowing, intended to snap-fit the contact in the opening of the housing intended for the contact, by snapping latches located in the opening of the housing and cooperating with the second narrowing, characterised in that said elements are present in the contact in the following order from the side intended for connecting the contact with the electric conductor: the projection, the first narrowing with the seal embedded therein, the second narrowing. The object of the invention is also an electrical connector housing and an electrical connector itself.

IPC 8 full level

**H01R 13/422** (2006.01); **H01R 13/03** (2006.01); **H01R 13/52** (2006.01)

CPC (source: EP)

**H01R 13/03** (2013.01); **H01R 13/4226** (2013.01); **H01R 13/521** (2013.01); **H01R 2201/26** (2013.01)

Citation (applicant)

- CN 210040659 U 20200207 - NINGBO GAOSONG NEW ENERGY TECH CO LTD
- CN 210379629 U 20200421 - DONGGUAN LUXSHARE ZHILIAN ELECTRONIC TECH CO LTD
- CN 209709269 U 20191129 - NINGBO GAOSONG NEW ENERGY TECH CO LTD

Citation (search report)

- [I] DE 202019101871 U1 20190411 - APPBAU KIRCHHEIM TECK GMBH [DE]
- [I] DE 19630333 A1 19970213 - WHITAKER CORP [US]
- [I] EP 2362495 A1 20110831 - SUMITOMO WIRING SYSTEMS [JP]

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 4016754 A1 20220622**; WO 2022128450 A1 20220623

DOCDB simple family (application)

**EP 20461597 A 20201217**; EP 2021083584 W 20211130