

Title (en)

CONTACT MODULE FOR MAKING ELECTRICAL TACTILE CONTACT WITH A COMPONENT, AND CONTACT SYSTEM

Title (de)

KONTAKTMODUL ZUR ELEKTRISCHEN BERÜHRUNGSKONTAKTIERUNG EINES BAUTEILS UND KONTAKTSYSTEM

Title (fr)

MODULE DE CONTACT POUR LA MISE EN CONTACT ÉLECTRIQUE PAR CONTACT D'UN COMPOSANT ET SYSTÈME DE CONTACT

Publication

EP 3631473 A1 20200408 (DE)

Application

EP 18730666 A 20180530

Priority

- DE 102017209443 A 20170602
- EP 2018064316 W 20180530

Abstract (en)

[origin: WO2018220096A1] The invention relates to a contact module (1) for making electrical tactile contact with a component, having a carrier (2) which has a contact side (3) that can be assigned to the component and a connection side (4) facing away from the contact side (3), and having at least two electrically conductive contact elements (5), at least one of which is a spring contact pin (6) having a deflecting contact head (5'), wherein free ends of the contact elements (5) protrude from the contact side (3) of the carrier (2) for the purpose of making tactile contact with the component. Provision is made for at least one protective wall (12) which forms a contact area (13), in which the free ends of the contact elements (5) are arranged, to be arranged on the contact side (3) of the carrier (2).

IPC 8 full level

G01R 1/04 (2006.01); **G01R 1/067** (2006.01); **G01R 1/073** (2006.01); **G01R 31/36** (2020.01)

CPC (source: EP KR US)

G01R 1/0408 (2013.01 - EP KR US); **G01R 1/06722** (2013.01 - KR US); **G01R 1/06727** (2013.01 - KR); **G01R 1/073** (2013.01 - EP KR US); **G01R 31/3865** (2018.12 - KR); **G01R 1/06722** (2013.01 - EP); **G01R 1/06727** (2013.01 - EP); **G01R 31/3865** (2018.12 - EP)

Citation (search report)

See references of WO 2018220096A1

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)

WO 2018220096 A1 20181206; CN 110720044 A 20200121; DE 102017209443 A1 20181206; EP 3631473 A1 20200408; KR 20200014338 A 20200210; US 2020116757 A1 20200416

DOCDB simple family (application)

EP 2018064316 W 20180530; CN 201880035940 A 20180530; DE 102017209443 A 20170602; EP 18730666 A 20180530; KR 20197037868 A 20180530; US 201816617281 A 20180530