

Title (en)
CONTACT ELEMENT

Title (de)
KONTAKTELEMENT

Title (fr)
ÉLEMENT DE CONTACT

Publication
EP 3465837 B1 20201125 (DE)

Application
EP 17724075 A 20170519

Priority
• EP 16171341 A 20160525
• EP 16171346 A 20160525
• EP 16171340 A 20160525
• EP 2017062065 W 20170519

Abstract (en)
[origin: WO2017202708A1] A contact element (1) for establishing electric contact between two contact pieces (K1, K2) comprises a support strip (2), which extends in a longitudinal direction (L) and is designed in such a way that the length of the support strip (2) changes in the longitudinal direction (L) when a force (F) is applied to the support strip (2), as well as a plurality of contact parts (5, 5a, 5b), each of which has a first contact section (6) for contacting one of the two contact pieces (K1, K2), a second contact section (7) for contacting the other one of the two contact pieces (K2, K1), and a fastening section (8) for securing the contact part (5, 5a, 5b) to the support strip (2).

IPC 8 full level
H01R 13/24 (2006.01); **H01R 4/48** (2006.01); **H01R 43/00** (2006.01)

CPC (source: EP KR RU US)
H01R 4/48 (2013.01 - RU); **H01R 4/4881** (2013.01 - EP KR US); **H01R 13/15** (2013.01 - US); **H01R 13/24** (2013.01 - US); **H01R 13/2457** (2013.01 - EP KR US); **H01R 13/2492** (2013.01 - EP KR US); **H01R 43/007** (2013.01 - KR US); **H01R 43/04** (2013.01 - EP)

Citation (examination)
• US 7078614 B1 20060718 - VAN HAASTER PHIL [US]
• EP 1119077 A1 20010725 - MULTI HOLDING AG [CH]
• WO 2008092284 A1 20080807 - MULTI HOLDING AG [CH], et al
• US 8821170 B1 20140902 - THEIN ROBERT HLA [US], 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

DOCDB simple family (publication)
WO 2017202708 A1 20171130; BR 112018074065 A2 20190306; CN 109155468 A 20190104; CN 109155468 B 20210813; CN 109155481 A 20190104; CN 109155481 B 20210813; CN 109155482 A 20190104; CN 109155482 B 20220610; EP 3465826 A1 20190410; EP 3465826 B1 20201125; EP 3465836 A1 20190410; EP 3465836 B1 20201223; EP 3465837 A1 20190410; EP 3465837 B1 20201125; JP 2019517118 A 20190620; JP 2019517119 A 20190620; JP 2019517120 A 20190620; JP 2022009164 A 20220114; JP 6968829 B2 20211117; JP 7069045 B2 20220517; JP 7195150 B2 20221223; JP 7261279 B2 20230419; KR 102365606 B1 20220218; KR 102369143 B1 20220228; KR 102451131 B1 20221004; KR 20190006563 A 20190118; KR 20190008951 A 20190125; KR 20190010626 A 20190130; RU 2018142551 A 20200625; RU 2018142551 A3 20200625; RU 2731326 C2 20200901; US 10686272 B2 20200616; US 10855015 B2 20201201; US 11316293 B2 20220426; US 2019207338 A1 20190704; US 2019305458 A1 20191003; US 2020328544 A1 20201015; WO 2017202707 A1 20171130; WO 2017202709 A1 20171130

DOCDB simple family (application)
EP 2017062066 W 20170519; BR 112018074065 A 20170519; CN 201780030445 A 20170519; CN 201780030759 A 20170519; CN 201780030801 A 20170519; EP 17723712 A 20170519; EP 17723713 A 20170519; EP 17724075 A 20170519; EP 2017062065 W 20170519; EP 2017062067 W 20170519; JP 2018562056 A 20170519; JP 2018562057 A 20170519; JP 2018562059 A 20170519; JP 2021169195 A 20211015; KR 20187037103 A 20170519; KR 20187037104 A 20170519; KR 20187037105 A 20170519; RU 2018142551 A 20170519; US 201716303179 A 20170519; US 201716303240 A 20170519; US 201716303738 A 20170519