

Title (en)
CONTACT SLEEVE

Title (de)
KONTAKTHÜLSE

Title (fr)
DOUILLE DE CONTACT

Publication
EP 3449533 B1 20210310 (DE)

Application
EP 17711083 A 20170221

Priority
• DE 102016107659 A 20160425
• DE 2017100145 W 20170221

Abstract (en)
[origin: CA3022012A1] The invention relates to a contact sleeve for the connection of at least one stranded wire lead, having a receiving region extending along a centre line (14) running parallel to the stranded wire lead for the insertion of stripped ends of the at least one stranded wire lead and having two crimping wings (15a, 15b), each of which is oriented towards the other and which clamp the stripped ends when bent. The crimping wings (15a, 15b) have grooves (13), which run on both crimping wings (15a, 15b) arrow-like to the centre line. The contact sleeve is characterised in that each groove (13) curves outwards with a continuously decreasing gradient starting from the centre line (14).

IPC 8 full level
H01R 4/18 (2006.01)

CPC (source: EP IL KR US)
H01R 4/185 (2013.01 - EP IL KR US); **H01R 4/188** (2013.01 - EP IL KR US)

Citation (examination)
• JP 2015130311 A 20150716 - FURUKAWA ELECTRIC CO LTD, et al
• DE 202013010987 U1 20140320 - ERNI PRODUCTION GMBH & CO KG [DE]
• JP 2014164865 A 20140908 - FURUKAWA ELECTRIC CO LTD, 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)
DE 102016107659 A1 20171026; BR 112018071913 A2 20190205; CA 3022012 A1 20171102; CA 3022012 C 20201027; CN 109196722 A 20190111; EP 3449533 A1 20190306; EP 3449533 B1 20210310; IL 262571 A 20181231; IL 262571 B 20200630; JP 2019515433 A 20190606; JP 6788031 B2 20201118; KR 102182467 B1 20201124; KR 20190013762 A 20190211; TW 201743506 A 20171216; TW I703781 B 20200901; US 10566707 B2 20200218; US 2019140367 A1 20190509; WO 2017186208 A1 20171102

DOCDB simple family (application)
DE 102016107659 A 20160425; BR 112018071913 A 20170221; CA 3022012 A 20170221; CN 201780032896 A 20170221; DE 2017100145 W 20170221; EP 17711083 A 20170221; IL 26257118 A 20181024; JP 2018555902 A 20170221; KR 20187033722 A 20170221; TW 106113736 A 20170425; US 201716096018 A 20170221