

Title (en)  
CONNECTION ELEMENT

Title (de)  
ANSCHLUSSELEMENT

Title (fr)  
ÉLÉMENT DE CONNEXION

Publication  
**EP 3501064 B1 20210428 (DE)**

Application  
**EP 17761181 A 20170815**

Priority  
• DE 102016115490 A 20160822  
• DE 2017100687 W 20170815

Abstract (en)  
[origin: WO2018036587A1] The invention relates to a connection element (1), which comprises a contact element (2) and an actuating element (3) and serves for mechanically and electrically contacting a conductor. The contact element (2) has at least one contact arm (4), which is designed for spring-loaded clamping of a conductor on a contact surface (7). The connection element (1) can be transferred into different open or closed states by means of a driver (5) on the contact arm (4) and by means of a guide contour (6) in the actuating element (3).

IPC 8 full level  
**H01R 4/48** (2006.01); **H01R 4/50** (2006.01); **H01R 13/193** (2006.01)

CPC (source: EP US)  
**H01R 4/48** (2013.01 - US); **H01R 4/48365** (2023.08 - EP US); **H01R 4/48275** (2023.08 - EP US); **H01R 4/489** (2013.01 - EP US); **H01R 4/50** (2013.01 - EP US); **H01R 13/193** (2013.01 - EP US)

Citation (examination)  
• DE 202008014469 U1 20100318 - WEIDMUELLER INTERFACE [DE]  
• DE 202011050916 U1 20121107 - WEIDMUELLER INTERFACE [DE]

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 2018036587 A1 20180301**; CN 109690874 A 20190426; CN 109690874 B 20201027; DE 102016115490 A1 20180222; DE 102016115490 B4 20180607; EP 3501064 A1 20190626; EP 3501064 B1 20210428; US 10439300 B1 20191008; US 2019326688 A1 20191024

DOCDB simple family (application)  
**DE 2017100687 W 20170815**; CN 201780051955 A 20170815; DE 102016115490 A 20160822; EP 17761181 A 20170815; US 201716310324 A 20170815