

Title (en)

ELECTRICAL CONNECTING APPARATUS

Title (de)

ELEKTRISCHE VERBINDUNGSVORRICHTUNG

Title (fr)

APPAREIL DE CONNEXION ÉLECTRIQUE

Publication

**EP 4295447 A1 20231227 (DE)**

Application

**EP 21847493 A 20211223**

Priority

- DE 102021201454 A 20210216
- EP 2021087588 W 20211223

Abstract (en)

[origin: WO2022174966A1] For an electrical connecting apparatus (1), in particular for connecting an electrical and/or electronic component (2) to a conductor substrate (3), comprising an electrically conductive contact-making element (10) and an electrical conductor (20), wherein one end (21) of the electrical conductor (20) is electrically conductively connected to the contact-making element (10), the invention proposes that the contact-making element (10) is of fork-like design with at least one first tine (11) and at least one second tine (12), wherein the first tine (11) is spaced apart from the second tine (12) by an intermediate space (13), wherein the end (21) of the electrical conductor (20) is arranged in the intermediate space (13) between the first tine (11) and the second tine (12) and is electrically conductively connected to the first tine (11) and/or the second tine (12).

IPC 8 full level

**H01R 12/53** (2011.01); **H01R 4/02** (2006.01); **H01R 4/242** (2018.01); **H01R 4/26** (2006.01); **H01R 4/28** (2006.01); **H01R 12/57** (2011.01)

CPC (source: EP KR US)

**H01R 4/023** (2013.01 - KR US); **H01R 4/242** (2013.01 - KR); **H01R 4/28** (2013.01 - EP KR); **H01R 12/53** (2013.01 - EP KR US);  
**H01R 12/57** (2013.01 - EP KR); **H01R 43/0228** (2013.01 - US); **H01R 4/023** (2013.01 - EP); **H01R 4/242** (2013.01 - EP)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**DE 102021201454 A1 20220818**; CN 116888826 A 20231013; EP 4295447 A1 20231227; JP 2024507182 A 20240216;  
KR 20230145426 A 20231017; US 2024106138 A1 20240328; WO 2022174966 A1 20220825

DOCDB simple family (application)

**DE 102021201454 A 20210216**; CN 202180093847 A 20211223; EP 2021087588 W 20211223; EP 21847493 A 20211223;  
JP 2023549035 A 20211223; KR 20237031226 A 20211223; US 202118264962 A 20211223