

Title (en)

TERMINAL FOR CONTACTING A CONTACT PIN

Title (de)

KLEMMME ZUR KONTAKTIERUNG EINES KONTAKTSTIFTS

Title (fr)

BORNE POUR MISE EN CONTACT DE BROCHE DE CONTACT

Publication

EP 4032149 A1 20220727 (DE)

Application

EP 20772306 A 20200917

Priority

- DE 102019125285 A 20190919
- EP 2020075952 W 20200917

Abstract (en)

[origin: WO2021053062A1] The invention relates to a terminal (100) for contacting at least one contact pin (102). The terminal (100) comprises a socket support (104) and at least one socket (106), each of which comprises a first contact arm (108) that is secured to the socket support (104) and a second contact arm (112) that is secured to the first contact arm (108) via a spring elastic connection (110). The second contact arm (112) can be pivoted between a vacant position and an occupied position in the area between the first contact arm (108) and the socket support (104). In the vacant position, the second contact arm (112) is arranged at a first distance to the socket support (104), and in the occupied position, the second contact arm (112) is arranged at a second distance to the socket support (104), said second distance being shorter than the first distance. A restoring force of the spring elastic connection (110) in the occupied position is designed to contact the respective contact pin (102) between the first contact arm (108) and the second contact arm (112).

IPC 8 full level

H01R 13/11 (2006.01); **H01R 9/24** (2006.01)

CPC (source: CN EP US)

H01R 9/24 (2013.01 - EP); **H01R 13/11** (2013.01 - CN US); **H01R 13/113** (2013.01 - EP); **H01R 13/15** (2013.01 - CN)

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 2021053062 A1 20210325; CN 114402488 A 20220426; DE 102019125285 A1 20210325; EP 4032149 A1 20220727; JP 2022548969 A 20221122; JP 7407914 B2 20240104; US 2022368053 A1 20221117

DOCDB simple family (application)

EP 2020075952 W 20200917; CN 202080065526 A 20200917; DE 102019125285 A 20190919; EP 20772306 A 20200917; JP 2022518013 A 20200917; US 202017761244 A 20200917