

Title (en)

ELECTRONIC DEVICE WITH MULTI-FUNCTIONAL CONNECTION TERMINAL

Title (de)

ELEKTRONISCHES GERÄT MIT MULTIFUNKTIONS ANSCHLUSSKLEMME

Title (fr)

APPAREIL ÉLECTRONIQUE AVEC BORNE DE CONNEXION MULTIFONCTIONNELLE

Publication

**EP 4009444 A1 20220608 (EN)**

Application

**EP 20211505 A 20201203**

Priority

EP 20211505 A 20201203

Abstract (en)

The present invention relates to an electronic device comprising a circuit board (9) and a terminal (3, 24, 44) mounted on the circuit board (9), wherein the terminal (3, 24, 44) comprises at least one conductor connection terminal (7a..7e, 25a..25e, 46a..46d) and an electrical connector and is configured to connect, to a pole of the circuit board (9), an electrical conductor (36a) connected to the at least one conductor connection terminal (7a..7e, 25a..25e, 46a..46d) and to connect, to the pole of the circuit board (9), at least one contact (18a, 39a..39c, 47a..47d) of a plug-in connector (19, 38, 49) connected to the electrical connector.

IPC 8 full level

**H01R 4/48** (2006.01); **H01R 12/51** (2011.01); **H01R 13/717** (2006.01)

CPC (source: EP)

**H01R 4/4821** (2023.08); **H01R 12/515** (2013.01); **H01R 4/4833** (2023.08); **H01R 4/4848** (2023.08); **H01R 13/717** (2013.01)

Citation (search report)

- [XII] DE 202018101472 U1 20181024 - ELECTRO TERMINAL GMBH & CO KG [AT]
- [XII] WO 2012083320 A1 20120628 - TRIDONIC CONNECTION TECHNOLOGY GMBH & CO KG [AT], et al
- [XII] US 2009269985 A1 20091029 - STADLER HERMANN [DE], 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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 4009444 A1 20220608**; WO 2022117427 A1 20220609

DOCDB simple family (application)

**EP 20211505 A 20201203**; EP 2021082961 W 20211125