

Title (en)

FAST CHARGING UNIVERSAL SERIAL BUS (USB TYPE-C) CONNECTOR AND BATTERY CHARGING SYSTEM FOR AN AUTO BATTERY CHARGER

Title (de)

SCHNELLADENDER UNIVERSAL SERIAL BUS (USB-TYP-C)-VERBINDER UND BATTERIELADESYSTEM FÜR EIN AUTOMATISCHES BATTERIELADEGERÄT

Title (fr)

CONNECTEUR DE BUS SÉRIE UNIVERSEL À CHARGE RAPIDE (TYPE USB-C) ET SYSTÈME DE CHARGE DE BATTERIE POUR CHARGEUR DE BATTERIE AUTOMATIQUE

Publication

EP 4069548 A1 20221012 (EN)

Application

EP 20911122 A 20201231

Priority

- US 202062956892 P 20200103
- US 2020067763 W 20201231

Abstract (en)

[origin: EP4447260A2] Provided is a universal serial bus (USB-C PD) connector, including an oval-shaped plug having an end face, the end face having an oval-shaped outer rim, an oval-shaped recess located within the oval-shaped outer rim, an oval-shaped inner protrusion located within the oval-shaped recess, and an oval-shaped inner recess disposed within the oval-shaped inner protrusion, wherein the oval-shaped inner recess is provided with one or more electrical conductors.

IPC 8 full level

B60L 53/16 (2019.01)

CPC (source: EP)

H02J 7/0031 (2013.01); **H01R 24/60** (2013.01); **H02J 7/00308** (2020.01); **H02J 7/00309** (2020.01); **H02J 7/0034** (2013.01); **Y02E 60/10** (2013.01); **Y02T 10/70** (2013.01); **Y02T 10/7072** (2013.01); **Y02T 90/14** (2013.01)

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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