

Title (en)

ELECTRONIC DEVICE WITH INSERTABLE CONNECTOR

Title (de)

ELEKTRONISCHE VORRICHTUNG MIT EINFÜHRBAREM VERBINDER

Title (fr)

DISPOSITIF ÉLECTRONIQUE À CONNECTEUR INSÉRABLE

Publication

**EP 4068528 A4 20231227 (EN)**

Application

**EP 20892177 A 20201113**

Priority

- ES 201931044 A 20191126
- ES 2020070707 W 20201113

Abstract (en)

[origin: EP4068528A1] Electronic device with insertable connector that comprises an existing commercially available electronic device, provided with metal pins for weld mounting to a printed circuit on which an adapter piece is overmoulded to form an insertable connector with the appropriate thickness for its insertion into a commercial external connector. The invention presented affords the main advantage of providing a connector for existing standard electronic devices, quickly and much more inexpensively and competitively than any of those currently existing, allowing any shape of connector to be configured, with the contact surface completely flat.

IPC 8 full level

**H01C 10/14** (2006.01); **H01C 1/144** (2006.01); **H01R 12/57** (2011.01); **H01C 1/022** (2006.01); **H01C 1/12** (2006.01); **H01C 1/14** (2006.01); **H01C 10/00** (2006.01); **H01C 10/48** (2006.01); **H01C 10/50** (2006.01); **H01H 19/14** (2006.01); **H01R 12/70** (2011.01); **H01R 12/72** (2011.01); **H01R 13/642** (2006.01)

CPC (source: EP ES)

**H01C 1/144** (2013.01 - EP); **H01C 10/14** (2013.01 - EP); **H01R 12/57** (2013.01 - EP); **H01R 13/62** (2013.01 - ES); **H01C 1/022** (2013.01 - EP); **H01C 1/12** (2013.01 - EP); **H01C 1/14** (2013.01 - EP); **H01C 10/005** (2013.01 - EP); **H01C 10/48** (2013.01 - EP); **H01C 10/50** (2013.01 - EP); **H01H 19/14** (2013.01 - EP); **H01R 12/7076** (2013.01 - EP); **H01R 12/722** (2013.01 - EP); **H01R 13/642** (2013.01 - EP)

Citation (search report)

- [XAY] DE 10141218 A1 20030313 - HELLA KG HUECK & CO [DE]
- [Y] EP 1841020 A2 20071003 - HANS HUONKER GMBH [DE]
- [YA] EP 1864164 B1 20130123 - SIEMENS AG [DE]
- [A] EP 0600116 A1 19940608 - KRAH ELEKTROTECHNISCHE FABRIK [DE]
- See references of WO 2021105535A1

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)

**EP 4068528 A1 20221005**; **EP 4068528 A4 20231227**; ES 2828502 A1 20210526; ES 2828502 B2 20211029; WO 2021105535 A1 20210603

DOCDB simple family (application)

**EP 20892177 A 20201113**; ES 201931044 A 20191126; ES 2020070707 W 20201113