

Title (en)

CONNECTOR WITH A COMMON GROUNDING PLATE

Title (de)

STECKVERBINDER MIT EINER GEMEINSAMEN ERDUNGSPLATTE

Title (fr)

CONNECTEUR AVEC UNE PLAQUE DE MISE À LA TERRE COMMUNE

Publication

**EP 4372930 A1 20240522 (EN)**

Application

**EP 22208445 A 20221118**

Priority

EP 22208445 A 20221118

Abstract (en)

An electrical connector comprising:- a plurality of terminals (7) connected to a shielded cable (10) comprising a cable shield surrounding a core wire (13),- an insulating housing accommodating said terminals (7),- a grounding cable (15).The electrical connector further comprises a common grounding plate (18) electrically connected both to the cable shields and to said free end of the grounding cable (15).A method for assembling such an electrical connector.

IPC 8 full level

**H01R 13/6592** (2011.01); **H01R 13/6596** (2011.01); **H01R 13/6597** (2011.01); **H01R 43/20** (2006.01); **H01R 13/436** (2006.01); **H01R 13/52** (2006.01)

CPC (source: EP)

**H01R 13/6592** (2013.01); **H01R 13/6596** (2013.01); **H01R 13/6597** (2013.01); **H01R 43/20** (2013.01); **H01R 13/4367** (2013.01); **H01R 13/5205** (2013.01); **H01R 2201/26** (2013.01)

Citation (search report)

- [XAI] WO 2021018474 A1 20210204 - PHOENIX CONTACT E MOBILITY GMBH [DE]
- [X] EP 3869622 A1 20210825 - HARTING AUTOMOTIVE GMBH [DE]
- [A] US 2020194938 A1 20200618 - JUNG YUN JAE [KR], 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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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