

Title (en)

ELECTRICAL CONNECTOR AND CONNECTOR SYSTEM USING THE SAME

Title (de)

ELEKTRISCHER VERBINDER UND VERBINDERSYSTEM MIT VERWENDUNG DAVON

Title (fr)

CONNECTEUR ÉLECTRIQUE ET SYSTÈME DE CONNECTEUR L'UTILISANT

Publication

EP 3499646 B1 20230308 (EN)

Application

EP 17306775 A 20171214

Priority

EP 17306775 A 20171214

Abstract (en)

[origin: EP3499646A1] The present invention relates to a mechanical and electrical connector (100) and to a connector system using the same. The connector (100) comprises an electrically conductive body (101) extending between two end faces (102, 103), first blind bores (104, 105) extending into the body (101) from each one of the two end faces (102, 103) and being adapted for receiving therein corresponding end portions of two conductors to be mechanically and electrically connected to each other, and one or more threaded bores (107, 108, 109, 110) extending through an outer wall (111) of the body (101) into each one of said first blind bores (104, 105). The connector (100) further comprises a second blind bore (112, 113) extending into the body from at least one of said two end faces (102, 103) and being adapted for receiving therein an end portion of a third conductor, in particular a grounding conductor, and one or more threaded bores (114, 115) extending through the outer wall (111) of the body (101) into said second blind bore (112, 113).

IPC 8 full level

H01R 4/36 (2006.01); **H01R 11/07** (2006.01); **H01R 9/03** (2006.01)

CPC (source: EP)

H01R 4/36 (2013.01); **H01R 11/07** (2013.01); **H01R 13/65914** (2020.08)

Cited by

EP4235974A1

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 3499646 A1 20190619; EP 3499646 B1 20230308

DOCDB simple family (application)

EP 17306775 A 20171214