

Title (en)

ELECTRICAL CONNECTOR FOR A MULTI-CORE ELECTRIC CABLE

Title (de)

ELEKTRISCHER STECKVERBINDER FÜR EIN MEHRADRIGES ELEKTRISCHES KABEL

Title (fr)

CONNECTEUR ÉLECTRIQUE POUR UN CÂBLE ÉLECTRIQUE MULTI-FILS

Publication

**EP 3327868 B1 20190109 (DE)**

Application

**EP 16200232 A 20161123**

Priority

EP 16200232 A 20161123

Abstract (en)

[origin: US2018145466A1] An electrical connector for a multi-wire electrical cable includes at least two cable-side electrical contact elements including associated terminals to each of which is connected a wire of the electrical cable, and at least two output-side electrical contact elements, from each of which projects an electrical connector element by which a mating connector is electrically connectable. A tubular outer conductor extends along a longitudinal direction from a cable-side end to an output-side end and encloses the cable-side and output-side contact elements. At least one stranded drain wire of the electrical cable contacts a shield of the electrical cable and is guided to the electrical connector separately from the wires of the electrical cable. The outer conductor has at least one second slot extending along the longitudinal direction of the outer conductor, and the drain wire is received in the second slot in the outer conductor.

IPC 8 full level

**H01R 9/03** (2006.01); **H01R 13/6592** (2011.01); **H01R 13/52** (2006.01); **H01R 13/7193** (2011.01)

CPC (source: CN EP US)

**H01R 13/02** (2013.01 - CN); **H01R 13/5812** (2013.01 - US); **H01R 13/65914** (2020.08 - EP US); **H01R 13/6592** (2013.01 - EP US); **H01R 13/6597** (2013.01 - US); **H01R 13/7193** (2013.01 - CN); **H01R 13/7197** (2013.01 - US); **H01R 24/30** (2013.01 - US); **H01R 43/28** (2013.01 - US); **H01R 13/5202** (2013.01 - EP US); **H01R 13/7193** (2013.01 - EP US)

Designated contracting state (EPC)

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