

Title (en)

ELECTRICAL CONNECTION SYSTEM FOR A VEHICLE

Title (de)

ELEKTROANSCHLUSSSYSTEM FÜR EIN FAHRZEUG

Title (fr)

SYSTÈME DE CONNEXION ÉLECTRIQUE POUR VÉHICULE

Publication

**EP 2452403 B1 20150107 (FR)**

Application

**EP 10742216 A 20100707**

Priority

- FR 2010051432 W 20100707
- FR 0954749 A 20090709

Abstract (en)

[origin: WO2011004121A1] The invention relates to an electrical connection system for a vehicle, comprising: an elongate dielectric component (3) provided with at least one electrode that is electrically connected to electrical contact pads (7); two dielectric half-casings (14) mounted opposite each other; tabs (19) for electrically contacting the contact pads, the tabs being positioned between at least one half-casing and the component; and a spring ring (21) surrounding the half-casings (14) in order to secure the same in place. According to the invention: the half-casings (14) comprise a pivot (23) at the proximal portion such that the half-casings angularly open relative to one another; and the half-casings (14) together comprise, on the outside thereof, a bearing surface for a tubular body, ensuring that the half-casings are in proximity to one another.

IPC 8 full level

**H01R 13/18** (2006.01); **G01N 27/407** (2006.01); **H01R 13/193** (2006.01)

CPC (source: EP US)

**H01R 13/18** (2013.01 - EP US); **H01R 13/193** (2013.01 - EP US); **H01R 11/18** (2013.01 - EP US); **H01R 12/82** (2013.01 - EP US)

Cited by

DE102016114979A1; DE102016114979B4

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 SE SI SK SM TR

DOCDB simple family (publication)

**WO 2011004121 A1 20110113**; EP 2452403 A1 20120516; EP 2452403 B1 20150107; FR 2947962 A1 20110114; FR 2947962 B1 20111223; US 2012131984 A1 20120531; US 8579634 B2 20131112

DOCDB simple family (application)

**FR 2010051432 W 20100707**; EP 10742216 A 20100707; FR 0954749 A 20090709; US 201013383172 A 20100707