

Title (en)

System for electrical connection of a vehicle subassembly

Title (de)

System zur elektrischen Verbindung einer Fahrzeugbaugruppe

Title (fr)

Système de raccordement électrique d'un sous-ensemble d'un véhicule

Publication

**EP 1565964 A1 20050824 (FR)**

Application

**EP 03780229 A 20031016**

Priority

- FR 0303051 W 20031016
- FR 0213373 A 20021025

Abstract (en)

[origin: WO2004040713A1] The invention concerns a system for electrical connection to a main electrical circuit distributed inside the structure of a vehicle, a secondary electrical circuit associated with a subassembly, such as in particular a vehicle seat, for powering electrical equipment features pertaining to said subassembly. Said system comprises a first upper connector (10) consisting of a body (12) and of a contact-bearing element (14); and a second lower connector (18), complementary to the upper connector (10) consisting of a body (12), borne by the structure, and of a contact-bearing element (24), housed in the body (20) and of the type wherein the coupling of the two connectors is carried out along an axial coupling direction when the subassembly is being mounted on the structure. The invention is characterized in that the upper connector (10) includes a mechanism maneuvered from outside the body (12), and which moves the upper contact-bearing element (14) from a starting position to a connecting position for providing a connection between the two contact bearing elements (14, 24).

IPC 1-7

**H01R 13/629**

IPC 8 full level

**B60N 2/90** (2018.01); **H01R 13/629** (2006.01)

CPC (source: EP)

**H01R 13/62905** (2013.01)

Citation (search report)

See references of WO 2004040713A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**FR 2846474 A1 20040430; FR 2846474 B1 20060602**; EP 1565964 A1 20050824; WO 2004040713 A1 20040513

DOCDB simple family (application)

**FR 0213373 A 20021025**; EP 03780229 A 20031016; FR 0303051 W 20031016