

Title (en)
DEVICE AND CONNECTION PLUG FOR EXCHANGING VEHICLE DATA

Title (de)
VORRICHTUNG UND VERBINDUNGSSTECKER ZUM AUSTAUSCH VON FAHRZEUGDATEN

Title (fr)
DISPOSITIF ET FICHE DE CONNEXION POUR ECHANGER DES INFORMATIONS DE VEHICULE

Publication
EP 2936448 A1 20151028 (FR)

Application
EP 13802959 A 20131210

Priority
• FR 1262282 A 20121219
• EP 2013076003 W 20131210

Abstract (en)
[origin: WO2014095470A1] For exchanging diagnostic information in a vehicle (2) with a diagnostic tool (51) by means of a diagnostic connector (3) mounted on said vehicle, the device comprises an onboard computer (4) arranged to transmit and receive coding signals of said onboard diagnostic information to and from communication sockets (5, 6, 7, 8) of the connector (3) when it is activated by an activation signal received at a first control socket (9) of the plug (3). A connection plug (12) comprises communication pins (15, 16, 17, 18) arranged to come into contact with the communication sockets (5, 6, 7, 8) in such a way as to allow the diagnostic tool (51) to receive and transmit coding signals, a first control pin (19) arranged to come into contact with the first control socket (9) so as to transmit the activation signal to the onboard computer (4), a second control pin (20) arranged to come into contact with a second control socket (10) of the connector (3) which delivers a source signal generated in the vehicle, and an electric component (22) connected to the control pins (19, 20) to generate the activation signal from the source signal.

IPC 8 full level
G07C 5/08 (2006.01); **G01R 31/00** (2006.01); **G07C 7/00** (2006.01); **H01R 31/06** (2006.01)

CPC (source: EP)
G01R 31/005 (2013.01); **G07C 5/0808** (2013.01); **G07C 7/00** (2013.01); **H01R 31/065** (2013.01); **H01R 13/6616** (2013.01); **H01R 2201/26** (2013.01)

Citation (search report)
See references of WO 2014095470A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
FR 2999763 A1 20140620; **FR 2999763 B1 20141226**; EP 2936448 A1 20151028; WO 2014095470 A1 20140626

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FR 1262282 A 20121219; EP 13802959 A 20131210; EP 2013076003 W 20131210