

Title (en)

Programmable on-board diagnostic module, connectable to an automotive diagnostic socket

Title (de)

Programmierbares, an eine Autodiagnosebuchse anschließbares Borddiagnosemodul

Title (fr)

Module de diagnostic embarqué programmable, connectable à une prise de diagnostic automobile

Publication

EP 2259230 A1 20101208 (EN)

Application

EP 10165023 A 20100604

Priority

IT TV20090117 A 20090604

Abstract (en)

An on-board automotive diagnostic module (1) connectable to an automotive diagnostic socket (2) of an on-board diagnostic system (3) of a vehicle to receive a series of vehicle diagnostic parameters. The on-board automotive diagnostic module (1) comprising a connection socket (12) provided with a plurality of connection pins (13) adapted to be connected in a stable, but easily removable manner, to corresponding diagnostic pins of the automotive diagnostic socket (2), and a control module (14) provided with a plurality of communication pins (15), each of which is associated with a communication of vehicle diagnostic parameters; and an electronic configuration array (16) comprising a plurality of selective interconnection means (17), each of which may be operated to connect each of the communication pins (15) of the control module (14) to any of the connection pins (13) of the connection socket (12).

IPC 8 full level

G07C 5/00 (2006.01)

CPC (source: EP)

G07C 5/085 (2013.01); **G07C 2205/02** (2013.01)

Citation (search report)

- [XY] US 2006217855 A1 20060928 - CHINNADURAI MANOKAR [US], et al
- [A] US 6181992 B1 20010130 - GURNE KRZYSZTOF [US], et al
- [A] US 2008103652 A1 20080501 - MCGEE PHILLIP [US], et al
- [Y] WO 2007017692 A1 20070215 - CAVENDISH KINETICS LTD [GB], et al

Citation (examination)

US 2006293811 A1 20061228 - ANDREASEN KEITH [US], et al

Citation (third parties)

Third party :

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Cited by

DE102014008796B3; AU2015266362B2; ITTV20120180A1; CN109828936A; US10438423B2; US10489990B2; WO2015180885A1; WO2015132017A1

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

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

EP 2259230 A1 20101208; IT 1394809 B1 20120713; IT TV20090117 A1 20101205

DOCDB simple family (application)

EP 10165023 A 20100604; IT TV20090117 A 20090604