

Title (en)

Connector arrangement for engine control system

Title (de)

Vorrichtung zur Kontaktierung eines Motorsteuergerätes

Title (fr)

Connecteurs pour dispositif de contrôle moteur

Publication

EP 1004754 A3 20010131 (DE)

Application

EP 99121327 A 19991026

Priority

DE 19854542 A 19981126

Abstract (en)

[origin: DE19854542C1] The contact device couples the engine control to current loads, e.g. actuators of an electromagnetic valve control, via electrical components (12), e.g. power end stage components, integrated in the frame part (3b) of the engine cylinder head (3).

IPC 1-7

F01L 9/04; **F02M 51/00**

IPC 8 full level

F01L 9/20 (2021.01); **F02F 1/42** (2006.01); **F02M 51/00** (2006.01); **F02F 1/24** (2006.01)

CPC (source: EP US)

F01L 9/20 (2021.01 - EP US); **F02F 1/4214** (2013.01 - EP US); **F02F 2001/245** (2013.01 - EP US)

Citation (search report)

- [XAY] EP 0798450 A1 19971001 - TOYOTA MOTOR CO LTD [JP]
- [XY] DE 19719299 C1 19980820 - DAIMLER BENZ AG [DE]
- [Y] EP 0602398 A1 19940622 - GOETZE AG [DE]
- [PX] DE 19756342 A1 19990701 - DAIMLER CHRYSLER AG [DE], et al
- [XA] EP 0869261 A1 19981007 - TOYOTA MOTOR CO LTD [JP]
- [A] DE 4225358 A1 19940203 - BOSCH GMBH ROBERT [DE]
- [A] US 5746168 A 19980505 - LOCHBRUNNER EDUARD [DE], et al
- [A] US 5642704 A 19970701 - GOGOTS KENNETH J [US], et al

Cited by

DE102004049031A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

DE 19854542 C1 20000413; DE 59904154 D1 20030306; EP 1004754 A2 20000531; EP 1004754 A3 20010131; EP 1004754 B1 20030129; US 6247435 B1 20010619

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DE 19854542 A 19981126; DE 59904154 T 19991026; EP 99121327 A 19991026; US 44231199 A 19991122