

Title (en)

System for the control of an actuator adjusting the air supply of a vehicle engine.

Title (de)

System zur Ansteuerung eines Stellglieds zur Einstellung der Luftzufuhr eines Kraftfahrzeugmotors.

Title (fr)

Système de commande d'un actuateur pour régler l'alimentation en air d'un moteur de véhicule.

Publication

**EP 0639706 A3 19980513 (DE)**

Application

**EP 94112010 A 19940802**

Priority

DE 4327455 A 19930816

Abstract (en)

[origin: EP0639706A2] A system is described for the control of an actuator for adjusting the air supply of a motor vehicle engine. The said system essentially comprises two sub-assemblies, the first sub-assembly being assigned to the accelerator pedal and the second sub-assembly to the actuator. The two sub-assemblies are connected to one another by way of a single communications line. In addition one sub-assembly is connected to a communications channel or a bus system. Such a system according to the invention is especially simple and cost-effective to manufacture and is particularly flexible with regard to modifications and extensions. In addition emergency running and monitoring functions can be easily implemented. <IMAGE>

IPC 1-7

**F02D 41/26**; **F02D 11/10**; **F02D 43/00**; **F02D 37/02**; **F02D 41/22**

IPC 8 full level

**B60R 16/02** (2006.01); **F02D 11/10** (2006.01); **F02D 37/02** (2006.01); **F02D 41/22** (2006.01); **F02D 41/26** (2006.01); **F02D 43/00** (2006.01)

CPC (source: EP)

**F02D 11/10** (2013.01); **F02D 41/266** (2013.01)

Citation (search report)

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- [A] DE 4040219 A1 19920617 - BOSCH GMBH ROBERT [DE]
- [A] EP 0388107 A2 19900919 - HITACHI LTD [JP]
- [A] DAIS S ET AL: "TECHNISCHES KONZEPT DES SERIELLEN BUS-SYSTEMS CAN TEIL 1", ATZ AUTOMOBILTECHNISCHE ZEITSCHRIFT, vol. 94, no. 2, 1 February 1992 (1992-02-01), pages 66 - 70, 73 - 77, XP000246529

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EP0908611A3

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

**EP 0639706 A2 19950222**; **EP 0639706 A3 19980513**; **EP 0639706 B1 20001213**; DE 4327455 A1 19950223; DE 59409606 D1 20010118; ES 2154278 T3 20010401

DOCDB simple family (application)

**EP 94112010 A 19940802**; DE 4327455 A 19930816; DE 59409606 T 19940802; ES 94112010 T 19940802