

Title (en)
SYSTEM FOR REDUCING INSTABILITIES IN VEHICLE ACCELERATION DYNAMICS

Publication
EP 0155993 B1 19891213 (DE)

Application
EP 84112347 A 19841013

Priority
DE 3408002 A 19840303

Abstract (en)
[origin: US4569320A] A device for reducing longitudinal dynamic instabilities of vehicles, in particular back and forth movements of cargo (load) and the uncontrolled periodic feeding of gas having, for the purpose of damping, a differentiation device (8) which differentiates an electric signal of the engine speed of rotation, preferably a voltage. The output signal of the differentiation device feeds a limiter-amplifier (9), the output signal of which, in its turn, intervenes in the deflection of a setting device (4) which acts on the fuel-air mixture of the engine. With this device, a deflection of the setting device takes place which counteracts periodic disturbing changes in speed of rotation while, upon an intended change in position of the setting device by the gas pedal, no perceptible additional effect is exerted on the setting member.

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F02D 11/10; **F02D 41/04**

IPC 8 full level
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CPC (source: EP US)
F02D 41/1498 (2013.01 - EP US); **F02D 2200/1012** (2013.01 - EP US); **F02D 2200/1015** (2013.01 - EP US); **F02D 2250/28** (2013.01 - EP US)

Citation (examination)

- DE 843625 C 19520710 - DAIMLER BENZ AG
- DE 2751125 C2 19870709
- US 4161162 A 19790717 - BIANCHI VALERIO [DE], et al

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FR2870484A1; FR2766872A1; EP0631897A1; CN106368843A; US4909215A; US6311670B1; GB2314944A; DE19626536A1; GB2314944B; DE19626536C2; DE3738719A1; DE3738719C2; WO9906685A1; KR100303756B1

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