

Title (en)  
VEHICLE BRAKE ACTUATOR ARRANGEMENT.

Title (de)  
BETÄTIGUNGSANORDNUNG FÜR FAHRZEUGBREMSE.

Title (fr)  
AGENCEMENT D'ACTIONNEMENT DES FREINS D'UN VEHICULE.

Publication  
**EP 0214993 A4 19870713 (EN)**

Application  
**EP 85903497 A 19850617**

Priority  
US 70178785 A 19850214

Abstract (en)  
[origin: WO8604869A1] Vehicle brake actuator (12) serving to automatically control the brakes (11) so that the brakes are operated at a predetermined rate and pressure in a number of indications in which it is desired to automatically brake the vehicle, such as a fault indication (103) from the engine, an indication from a vehicle mounted radar proximity circuit (104) indicating an impending collision, a theft alarm indicator (105), leaving the seat of the vehicle (31), a sobriety control indication (101) for a driver who lacks sobriety, a keypad indicator (34) into which a preselected number must be entered before operating the vehicle, a hood latch monitor circuit (107), a tachometer response circuit (108) that brakes the vehicle if the speed goes below a certain limit, and a miscellaneous circuit (114) that combines a number of indications for braking the vehicle. The brake actuator is operated by means of vacuum, hydraulic pressure or electric power and may include a canister for storing additional vacuum. The system may also include a seat switch delay circuit (101) which prevents unwanted braking if the driver passes a bump in the road. The brake actuator is automatically released the moment the driver operates the gas pedal.

IPC 1-7  
**B60T 13/66**

IPC 8 full level  
**B60K 28/06** (2006.01); **B60K 31/00** (2006.01); **B60K 31/16** (2006.01); **B60R 25/08** (2006.01); **B60T 7/12** (2006.01); **B60T 8/00** (2006.01); **B60T 13/10** (2006.01); **B60T 13/24** (2006.01); **B60T 13/66** (2006.01); **B60T 17/18** (2006.01)

CPC (source: EP)  
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Citation (search report)  
• [X] FR 2174776 A1 19731019 - LABAVIA [FR]  
• [Y] GB 750869 A 19560620 - TRICO PRODUCTS CORP  
• [Y] US 4328669 A 19820511 - MORT DEWEY F  
• See references of WO 8604869A1

Designated contracting state (EPC)  
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