

Title (en)

DEVICE FOR ACTUATING THE BRAKE SYSTEM OF A MOTOR VEHICLE

Title (de)

EINRICHTUNG ZUR BETÄTIGUNG EINER KRAFTFAHRZEUG-BREMSANLAGE

Title (fr)

DISPOSITIF POUR ACTIONNER UN SYSTEME DE FREINAGE DE VEHICULE AUTOMOBILE

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Application

EP 98956897 A 19981030

Priority

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Abstract (en)

[origin: DE19748182A1] The invention relates to a device for actuating a "brake-by-wire" brake system of a motor vehicle, consisting of an actuating pedal arranged in a pivot bearing in such a way that it can pivot in a limited manner. Said pedal is prestressed in the opposite direction of actuation by means of a spring-loaded device. The invention also comprises a travel simulator that is connected to the actuating pedal for power transmission. Said travel simulator cooperates with a damping device to define the setting of a predetermined force-travel characteristic curve. In order to enable the force-travel characteristic curve of the actuating pedal (1) to flexibly adapt to the predetermined course, the invention provides that the damping device is designed as a magneto-rheological damper (10).

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