

Title (en)

ELETRHYDRAULIC BRAKING SYSTEM FOR MOTOR VEHICLES

Title (de)

ELEKTROHYDRAULISCHE BREMSANLAGE FÜR KRAFTFAHRZEUGE

Title (fr)

SYSTEME DE FREINAGE ELECTROHYDRAULIQUE DESTINE A DES VEHICULES AUTOMOBILES

Publication

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Application

EP 02801314 A 20021004

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- DE 10150587 A 20011012
- DE 10232872 A 20020719
- EP 0211171 W 20021004

Abstract (en)

[origin: US2004262993A1] In order to impart to the vehicle operator the usual feeling at the brake pedal in an electrohydraulic brake system of the 'brake-by-wire' type or ensure a pre-selected flexibility of the brake pedal by means of an electrically controllable valve assembly, the invention discloses that the electrically controllable valve assembly is formed of the separating valve, a pressure regulating or control valve connected to the outlet side of the separating valve and having its outlet port connected to the pressure fluid reservoir, as well as further valves that allow applying the pressure introduced into at least one wheel brake and/or the pressure generated by the pressure source to the pressure chamber of the master brake cylinder.

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