

Title (en)

HYDRAULIC SYSTEM FOR A MOTOR VEHICLE

Title (de)

HYDRAULIKANLAGE FÜR EIN KRAFTFAHRZEUG

Title (fr)

SYSTEME HYDRAULIQUE POUR VEHICULE A MOTEUR

Publication

**EP 0797727 A1 19971001 (DE)**

Application

**EP 95904468 A 19941214**

Priority

EP 9404144 W 19941214

Abstract (en)

[origin: US5975233A] PCT No. PCT/EP94/04144 Sec. 371 Date Jun. 6, 1997 Sec. 102(e) Date Jun. 6, 1997 PCT Filed Dec. 14, 1994 PCT Pub. No. WO96/18809 PCT Pub. Date Jun. 20, 1996A hydraulic system for a motor vehicle includes a hydraulic pump which has a hydraulic steering device including a steering motor and a steering valve which is movable from an intermediate position in opposing directions and by which hydraulic fluid lines to and from the steering motor are controlled. A ventilator motor with the bypass line are placed in series with the steering device between the latter and the hydraulic pump. The bypass valve aids the distribution of fluid flow through the ventilator motor and the bypass line for adjustment of the fluid flow in accordance with required cooling power. The bypass valve can be adjusted to allow more hydraulic fluid to flow through the bypass line during actuation of the steering valve, thereby to lower the system pressure for reduced cost and complexity of the hydraulic pump.

IPC 1-7

**F01P 7/04**; **B62D 5/07**

IPC 8 full level

**B62D 5/07** (2006.01); **F01P 7/04** (2006.01); **F15B 11/16** (2006.01); **F01P 5/04** (2006.01)

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See references of WO 9618809A1

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