



Espacenet

Données bibliographiques: EP2495476 (A1) — 2012-09-05

Hydrostatic transmission device of a mobile unit, provided with a pressure-control valve and a selector

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Classification: - internationale **B60K17/356; F16H61/4017; F16H61/4043; F16H61/456**
- coopérative **B60K17/356; B60K23/0808; F16H61/4017; F16H61/4043; F16H61/456; F16H2059/443**

Numéro de demande EP20120157230 20120228

Numéro(s) de priorité: FR20110051635 20110301

Également publié en tant que: FR2972240 (A1)

Abrégé pour EP2495476 (A1)

The device has a hydraulic pump (P) whose main orifices are connected to a high pressure reversing pipe (1) and a high pressure forwarding pipe (2). Pressure control valves (Vd, Vg) are connected to left and right series pipes (3d, 3g). The control valves are connected to respective selectors (Se) that are controlled based on pressure difference between the reversing and forwarding pipes for selectively connecting series pipes to the reversing pipe or to the forwarding pipe. A torque limiter is arranged between each control valve and each selector. An independent claim is also included for a method for controlling hydrostatic pressure in a vehicle.

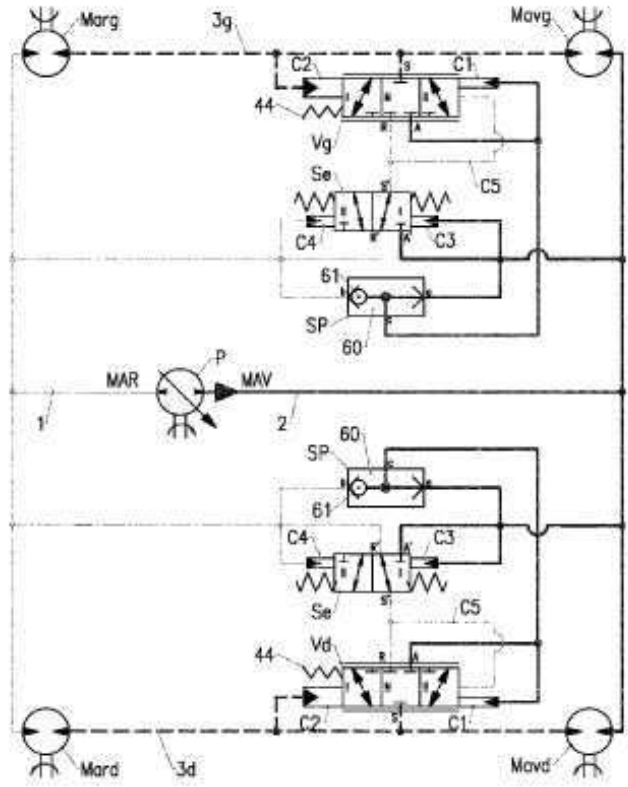


Fig. 1