

Title (en)
PUMP ARRANGEMENT AND SYSTEM FOR A MOTOR VEHICLE

Title (de)
PUMPENANORDNUNG UND SYSTEM FÜR EIN KRAFTFAHRZEUG

Title (fr)
ENSEMBLE POMPE ET SYSTÈME POUR VÉHICULE AUTOMOBILE

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Application
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Abstract (en)
[origin: WO2015024804A1] A pump arrangement for a motor vehicle has: - a high pressure pump (101) for delivering a fluid with a fluid inlet (102) and a fluid outlet (103) and a pressure chamber (104) which is arranged hydraulically between the fluid inlet (102) and the fluid outlet (103), - a first pressure limiting valve (105) which is coupled on the inlet side to the fluid outlet (103), - a second pressure limiting valve (106), - the two pressure limiting valves (105, 106) are connected hydraulically in parallel, - the two pressure limiting valves (105, 106) in each case have an opening pressure, wherein - the value of the opening pressure of the first pressure limiting valve (105) is greater than the value of the opening pressure of the second pressure limiting valve (106), and - the value of the opening pressure of the second pressure limiting valve (106) is predefined depending on an injector (107) which can be coupled hydraulically to the pump arrangement (100).

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