

Title (en)  
ELECTRONICALLY CONTROLLED ASSISTED ELECTROHYDRAULIC STEERING SYSTEM FOR COMMERCIAL VEHICLES, PUMP AND STEERING GEAR HOUSING FOR SUCH A SYSTEM

Title (de)  
ELEKTRONISCH GESTEUERTES, ELEKTROHYDRAULISCHES SERVOLENKSYSTEM FÜR NUTZFAHRZEUGE, PUMPE UND LENKGETRIEBEGEHÄUSE FÜR SOLCH EIN SYSTEM

Title (fr)  
SYSTEME DE DIRECTION ELECTROHYDRAULIQUE ASSISTEE PILOTEE ELECTRONIQUEMENT POUR VEHICULES UTILITAIRES, POMPE ET BOITIER DE DIRECTION POUR UN TEL SYSTEME

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Application  
**EP 17767787 A 20170908**

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Abstract (en)  
[origin: WO2018050568A1] The invention relates to an electronically controlled assisted electrohydraulic steering system for vehicles, comprising a steering column (2) provided with a torque sensor (4) located upstream of a steering gear housing (1), said steering gear housing (1) containing an endless screw (25) controlling the rotation of a shaft (22) with a toothed sector, controlling the angular displacement of a steering rod (23), the system further comprising a pump (7) driven by an electric motor (6) controlling the circulation of a fluid in the steering gear housing (1), further comprising a computer (5) comprising an input for the signals supplied by said torque sensor (4) and/or the signals supplied by an autonomous driving system (13) and controlling the throughput, the direction of rotation and the instantaneous volume of said electric pump (7), the hydraulic circuit thus formed operating as a closed circuit.

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See references of WO 2018050568A1

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