



**Espacenet**

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### Hydraulic load-sensing system for a vehicle

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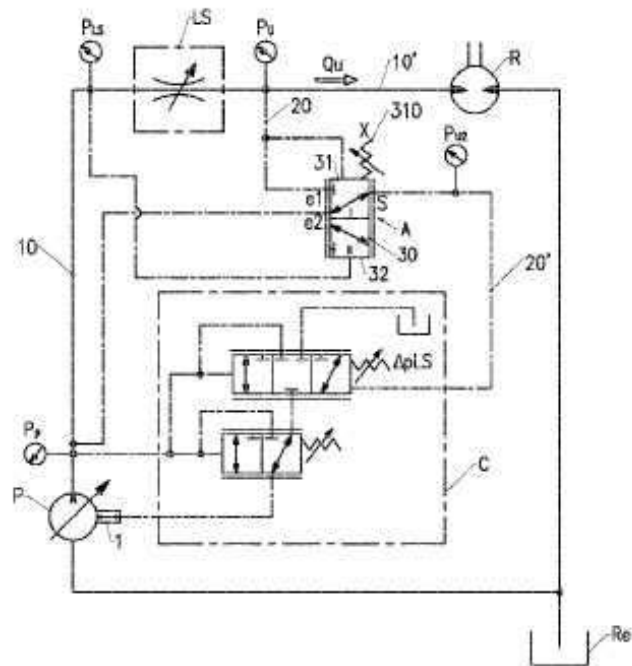
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### Abrégé pour EP2679833 (A1)

The system has a flow restrictor device (LS) arranged in a pressure channel (10) between a variable flow pump (P) and a hydraulic receiver (R) e.g. hydraulic motor. A correction device (A) has a distributor comprising an operating slide (30) whose first end (31) is subjected to a real load pressure ( $P_u$ ) at an outlet of the restrictor device and to a pressure (X) of a calibration spring (310), and second end (32) is subjected to a pressure ( $P_{ls}$ ) at an inlet of the restrictor device. The correction device controls a control device (C) with a load pressure ( $P_{u2}$ ) different from the real pressure.



**Fig. 4**