



Espacenet

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Load sensing hydraulic system for e.g. farm tractor, has operating slide whose first end is subjected to pressure at flow restrictor device outlet and pressure of calibration spring, and second end is subjected to pressure at device inlet

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Demandeur(s) FLUID SYSTEM [FR] ± (FLUID SYSTEM)

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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 (Pu) 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 (Pls) at an inlet of the restrictor device. The correction device controls a control device (C) with a load pressure (Pu2) different from the real pressure.