

Title (en)

Load-sensing active hydraulic control device.

Title (de)

Lastdruckkompensierte hydraulische Steuereinrichtung.

Title (fr)

Système de commande hydraulique de détection de la charge.

Publication

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Application

EP 95202288 A 19921223

Priority

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- JP 21224492 A 19920716
- JP 25051792 A 19920826

Abstract (en)

A load-sensing active hydraulic control device which includes a service port connected to a breaker or scissors in a power shovel of the like and is capable of preventing an excessive increase in pressure on the side of the service port from affecting other actuators. An on-off valve (34) is connected to a load detecting passage (33) of a change-over valve (3) connected to the side of a service port and is closed to prevent a pressure on the side of the service port from being fed back to a regulator when a load pressure on the side of a main actuator (2) is equal to or exceeds a set pressure.

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