

Title (en)

NON-LEAKING STORAGE CHARGING VALVE.

Title (de)

LECKÖLFREIES SPEICHERLADEVENTIL.

Title (fr)

VANNE DE CHARGE A ACCUMULATION EXEMPTEE D'HUILE DE FUITE.

Publication

**EP 0565552 B1 19950412 (DE)**

Application

**EP 92901393 A 19920101**

Priority

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- EP 9200009 W 19920101

Abstract (en)

[origin: WO9212350A1] The invention relates to a storage charging valve which, for the connection of an inlet P supplying a hydraulic system (10) to an outlet T when an adjustable upper charging pressure in the hydraulic system (10) has been reached and for separating this connection when an adjustable lower charging pressure in the hydraulic system (10) has been reached, has a control piston (42) which cuts off the connection between inlet P and outlet T in one of its two switching positions and restores this connection in the other. A separating device makes it possible to cut off a control union B connecting the hydraulic system (10) to the storage charging valve from outlet T. When the adjustable upper charging pressure has been reached, the connection between the control union B and the outlet T which is a potential source of leaks can be closed by means of at least one sealing component of the separating device. This arrangement makes it possible to produce a completely non-leaking shut-off of the hydraulic system (10) inside the valve between the lower and upper charging pressures.

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IPC 8 full level

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