

Title (en)

A reset device for hydraulic load control systems.

Title (de)

Rückstellgerät für hydraulische Laststeuerungsanlagen.

Title (fr)

Dispositif de réinitialisation pour systèmes hydrauliques de contrôle de la charge.

Publication

**EP 0368811 A1 19900516 (EN)**

Application

**EP 89830308 A 19890704**

Priority

- IT 4016588 A 19881109
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Abstract (en)

The device is intended in particular for cranes provided with hydraulic load control systems piloted by a pressure signal proportional to the overturning moment generated by the load, which produce control signals that block any movement of the crane likely to increase the load; use is made of a three-position bleed-off valve (12) which, in a non-stable position assumed momentarily as the spool shifts back and forth between two stable positions, brings about a reduction in the pilot pressure directed into the control system (10) so as to avoid lock-up of the crane that can occur in certain maximum load conditions. A valve (12) of this type also achieves a significant reduction of the hysteresis that traditionally delays the return of such systems (10) to the passive state.

IPC 1-7

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IPC 8 full level

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