

Title (en)

Hydraulic control system for a hydraulic actuator.

Title (de)

Hydraulisches Steuersystem für ein hydraulisches Stellglied.

Title (fr)

Système de commande hydraulique pour un opérateur hydraulique.

Publication

**EP 0080135 A1 19830601 (EN)**

Application

**EP 82110471 A 19821112**

Priority

US 32044881 A 19811112

Abstract (en)

A hydraulic control system comprising a hydraulic actuator (20) having opposed openings adapted to alternately function as inlets and outlets for moving the element (21) of the actuator in opposite directions, a pump for supplying fluid to the actuator, and a meter-in valve (27) to which the fluid from the pump is supplied. The meter-in valve (27) is pilot controlled by alternately supplying fluid at pilot pressure to the meter-in valve (27) for controlling the direction of movement of the actuator. A pair of lines (32, 33) extend from the meter-in valve (27) to the respective openings of the actuator. Valves (34, 35) are positioned between a tank passage and each opening of the actuator for controlling the flow of fluid between the actuator and the tank passage; and at least one of these valves (34, 35) is normally open and pilot operated.

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [AD] US 4201052 A 19800506 - BREEDEN ROBERT H [US], et al
- [A] DE 1601729 B2 19800807

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EP0209019A3; EP0089652A3; EP0066717A3; CN109139577A; FR2586463A1; US4706547A

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