

Title (en)
Power transmission.

Title (de)
Kraftübertragung.

Title (fr)
Transmission de puissance.

Publication
EP 0089652 A2 19830928 (EN)

Application
EP 83102729 A 19830319

Priority
US 36060482 A 19820322

Abstract (en)
A hydraulic control system comprising a hydraulic actuator (20,56,70) having openings adapted to alternately function as inlets and outlets for moving the element of the actuator in opposite directions, a pump (22) for supplying fluid to said actuator (20,56,70), pilot operated meter-in valve (27) to which the fluid from the pump is supplied for controlling the direction of movement of the actuator, and pilot operated meter-out valve (34) associated with at least one opening (20a,56a,70a) of the actuator for controlling the flow out of said actuator. The pressure of fluid being supplied to the actuator (20,56,70) by the meter-in valve means (27) is sensed (48) and caused to produce a force (at 47) opposing the movement of the meter-in valve means (27) by the pilot pressure (at 31) and also applied (via 51,58) to a device (49,55,57) for controlling an overhauling load resulting in a smooth and accurate control of the movement of the actuator (20,56,70).

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EP 0089652 A2 19830928; EP 0089652 A3 19840905; EP 0089652 B1 19861112; AU 1240183 A 19830929; AU 566463 B2 19871022; CA 1202228 A 19860325; DE 3367655 D1 19870102; IN 159265 B 19870425; JP H0350125 B2 19910731; JP S58174702 A 19831013

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