

Title (en)

SYSTEM WITH CONSTANT FORCE ACTUATOR.

Title (de)

ANTRIEBSVORRICHTUNG MIT KONSTANTER KRAFT.

Title (fr)

SYSTEME AVEC DISPOSITIF D'ACTIONNEMENT A FORCE CONSTANTE.

Publication

EP 0067815 A4 19840404 (EN)

Application

EP 81901579 A 19801224

Priority

US 8001741 W 19801224

Abstract (en)

[origin: WO8202230A1] A control mechanism (48) to controllably maintain a constant force on an actuator (18) and provide fluid flow to a downstream control valve (24) by controlling a pilot differential pressure between first and second ends (38, 40) of a pilot operated control valve (14). A two position valve (56, 66) acting in response to a predetermined pressure level in the actuator (18) modulatably controls the flow of pressurized pilot fluid to the pilot operated control valve (14) to position the pilot operated control valve (14). This maintains the pressure in the actuator (18) at the predetermined pressure level and passes the excess flow of fluid from a source (12) to the downstream control valve (24).

IPC 1-7

F15B 13/042; F15B 13/07

IPC 8 full level

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