

Title (en)

DEVICE FOR ALTERING THE DISPLACEMENT VOLUME OF A HYDROSTATIC MACHINE

Title (de)

VORRICHTUNG ZUM VERÄNDERN DES VERDRÄNGUNGSVOLUMENS EINER HYDROSTATISCHEN MASCHINE

Title (fr)

DISPOSITIF PERMETTANT DE MODIFIER LE VOLUME DE DEPLACEMENT D'UNE MACHINE HYDROSTATIQUE

Publication

EP 1030958 A1 20000830 (DE)

Application

EP 98962329 A 19981110

Priority

- DE 19750614 A 19971114
- EP 9807176 W 19981110

Abstract (en)

[origin: DE19750614A1] A device (2) for altering the displacement volume of a hydrostatic machine (1) has an actuator (3) which can be moved in a direction of adjustment and back in a resetting direction and is connected to a component of the hydrostatic machine (1) which adjusts the displacement volume, a spring (6) supported on a component (7a) of the axial piston machine (1) secured to the housing and a spring leg (6a) linked to the actuator (3) for spring-loading the actuator (3) in the resetting direction (5b). An adjusting device (8) for adjusting the actuator (3) in its zero position is arranged between the spring leg (6a) and the actuator (3) and has an adjusting element (11) for adjusting the actuator (3) relatively to the spring leg of the adjusting device.

IPC 1-7

F01B 3/00; **F04B 1/26**; **F16H 39/10**

IPC 8 full level

F01B 3/00 (2006.01); **F04B 1/26** (2006.01); **F04B 1/32** (2006.01); **F16H 39/10** (2006.01)

CPC (source: EP US)

F04B 1/324 (2013.01 - EP US)

Citation (search report)

See references of WO 9925953A1

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

DE 19750614 A1 19990602; **DE 19750614 C2 19991216**; DE 59805849 D1 20021107; EP 1030958 A1 20000830; EP 1030958 B1 20021002; US 6311607 B1 20011106; WO 9925953 A1 19990527

DOCDB simple family (application)

DE 19750614 A 19971114; DE 59805849 T 19981110; EP 9807176 W 19981110; EP 98962329 A 19981110; US 55434000 A 20000511