

Title (en)

Adjustment device for a variable displacement hydrostatic machine

Title (de)

Verstellvorrichtung zum Verstellen eines auf das Verdrängungsvolumen einer hydrostatischen Maschine einwirkenden Stellkolbens

Title (fr)

Dispositif de commande pour une machine hydrostatique à débit variable

Publication

EP 1217209 B1 20070606 (DE)

Application

EP 01128052 A 20011126

Priority

DE 10063526 A 20001220

Abstract (en)

[origin: EP1217209A2] The adjuster for the piston of a hydrostatic machine has the piston mounted between two pressure chambers with a return spring (8a,b). The cylinder pressure is regulated by a valve (2) with a control piston (17) actuated by a control for axial movement. The control force corresponds to the main piston position, the main piston having a return guide link (4) rigidly connected to it for linear movement on a spring casing (43) with a control spring (45).

IPC 8 full level

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CPC (source: EP)

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Cited by

WO2014026791A1; WO2014026788A1; WO2014026789A1; CN104685155A; CN103573573A; DE102012214628A1; DE102012214696A1; DE102012214618A1; DE102013205455A1; WO2007017197A1; WO2013045182A1; DE102012214624A1; WO2014026922A2; DE102012214655A1; WO2014026790A1; DE102012214620A1; DE102012214698A1; DE102012214621A1; DE102012214626A1; DE102012214619A1; DE102012214622A1

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