

Title (en)

Machine with axial pistons, particularly hydraulic pump of swash plate or inclined axis type, with an output adjusting device.

Title (de)

Axialkolbenmaschine, insbes. Hydropumpe der Schiefscheibenbauart oder der Schrägachsenbauart, deren Durchsatzvolumen durch eine Einstellvorrichtung einstellbar ist.

Title (fr)

Machine à pistons axiaux, en particulier pompe hydraulique de type à plateau biais ou à axes inclinés, pourvue d'un dispositif de réglage du débit.

Publication

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Application

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Priority

DE 4202631 A 19920130

Abstract (en)

[origin: EP0554537A1] In the case of an axial-piston machine, particularly of swash-plate construction, whose flow rate can be adjusted by a servo device (27) which has a servo piston (21) which is displaceably mounted in a servo cylinder (18), can be actuated by the working pressure or a control pressure and acts on a servo member (15), and in which an outflow restrictor (26) is provided in an outflow duct (28) emanating from the pressure chamber (22) of the servo cylinder (18), the cross-section of which restrictor is cleared for the throughput volume by the adjustment piston in its end position, an alignment appliance (25) accessible from outside the axial-piston machine (1) is provided for aligning the outflow restrictor (26). <IMAGE>

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IPC 8 full level

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