

Title (en)
AXIAL PISTON MACHINE

Title (de)
AXIALKOLBENMASCHINE

Title (fr)
MACHINE À PISTONS AXIAUX

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Application
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Abstract (en)
[origin: WO2008138604A2] The invention relates to an axial piston machine comprising a swivel cradle (5), the inclination of which can be modified in relation to a rotational axis of a cylinder drum. A regulation system acts on the swivel cradle, said system comprising a first regulator (10) for adjusting the inclination of the swivel cradle (5) in a first displacement direction and a second regulator (35) for adjusting the inclination of the swivel cradle (5) in an opposite second displacement direction. The first and second regulators (10, 35) are located on opposite sides of the swivel cradle (5) in relation to the rotational axis. The axial piston machine also has a device for limiting the displacement of the swivel cradle. The device for limiting the displacement of the swivel cradle (5) comprises a first settable limiting device (25) and a second settable limiting device (39). The two limiting devices (25, 39) act on the swivel cradle (5) and are located on opposite sides of the swivel cradle (5) in relation to the rotational axis. The two limiting devices (25, 39) and the two regulators (10, 35) are located in different regions of the swivel cradle (5).

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