

Title (en)
HYDROSTATIC PISTON MACHINE

Title (de)
HYDROSTATISCHE KOLBENMASCHINE

Title (fr)
MACHINE À PISTONS HYDROSTATIQUE

Publication
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Application
EP 12772109 A 20121011

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Abstract (en)
[origin: WO2013060576A1] A hydrostatic piston machine, in particular an axial piston machine, is disclosed which has a plurality of piston spaces, in which pistons perform a reciprocating movement. Here, a respective piston space can be connected alternately via a control opening in each case to a low-pressure opening and a high-pressure opening. Reversing regions are provided between the low-pressure opening and the high-pressure opening, via which reversing regions a respective piston space is moved in the transition between the low-pressure opening and the high-pressure opening. A mouth is provided in a respective reversing region, via which mouth a respective piston space can be connected to an accumulator element, in particular a pre-compression volume, when the control opening thereof overlaps with one of the mouths during operation of the piston machine.

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Citation (search report)
See references of WO 2013060576A1

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