

Title (en)
HYDRAULIC ACCUMULATOR, IN PARTICULAR BELLOWS ACCUMULATOR

Title (de)
HYDROSPEICHER, INSBESONDERE BALGSPEICHER

Title (fr)
ACCUMULATEUR HYDRAULIQUE, NOTAMMENT ACCUMULATEUR PNEUMATIQUE

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Application
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Priority
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Abstract (en)
[origin: WO2010066321A1] The invention relates to a hydraulic accumulator, in particular in the form of a bellows accumulator, in which the bellows (13) which serves as a movable separating element between a gas side (11) and a fluid side (21) has, at that bellows end thereof which is movable in the axial direction during expansion and contraction in the accumulator housing which defines a longitudinal axis (9), a closure body (25) which closes off the interior space (33) of the bellows (13) in a fluid-tight manner, and in which the bellows, at the other bellows end (27) thereof, is immovably fixed with respect to the accumulator housing (1), said hydraulic accumulator being characterized in that the immovable bellows end (27) is fixed to an end body (31) which is fixed with respect to the housing, which end body (31) is in the form of a disk with a region (37) which projects axially into the interior (33) of the bellows (13) from the main plane (35) of the disk, and in that at least one fluid passage (41, 43) is formed on the projecting region (37), which fluid passage (41, 43) connects the interior space (33), which is associated with the fluid side (21), of the bellows (13) to a fluid connection (17) of the accumulator housing (1).

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