

Title (en)
HYDRAULIC ACCUMULATOR COMPRISING A POSITION INDICATOR

Title (de)
HYDROSPEICHER MIT POSITIONSANZEIGE

Title (fr)
ACCUMULATEUR HYDRAULIQUE A INDICATION DE POSITION

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Application
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Abstract (en)
[origin: WO2004081389A1] The invention relates to a hydraulic accumulator comprising: a) an accumulator housing (1) consisting of a non-magnetisable material and defining an axial direction of the housing; b) a separating element (9) that can be axially displaced in the accumulator housing (1) and separates two working chambers (5, 7) from each other in the accumulator housing (1); c) a field-generating magnetic configuration (29) arranged on the separating element; and d) a series of magnetic field sensors (35) which are arranged on the outer side of the accumulator housing (1), extend along the path of the axial movement of the separating element (9) and react to the field of the magnetic configuration (29) on the separating element (9), in order to characterise the position thereof along the series of magnetic field sensors (35).

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