

Title (en)

FLUID-TECHNICAL DEVICE SUCH AS A WORKING CYLINDER AND A RESERVOIR, PARTICULARLY A HYDRAULIC ACCUMULATOR

Title (de)

FLUIDTECHNISCHE VORRICHTUNG WIE ARBEITSZYLINDER UND SPEICHER, INSBESONDERE HYDROSPEICHER

Title (fr)

DISPOSITIF POUR LA TECHNIQUE FLUIDIQUE, PAR EXEMPLE CYLINDRE DE TRAVAIL ET ACCUMULATEUR, EN PARTICULIER UN ACCUMULATEUR HYDRAULIQUE

Publication

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Application

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Priority

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- EP 0303077 W 20030325

Abstract (en)

[origin: WO2004003393A1] Disclosed is a fluid-technical device such as a working cylinder and a reservoir, particularly a hydraulic accumulator, preferably a piston-type accumulator, comprising a housing which defines a longitudinal axis (9) and is provided with an opening at least at one end thereof, said opening being concentric with the longitudinal axis (9) and being closed by a lid (11). The lid (11) is secured in a form-fitting manner against axial forces by means of a wall portion of the housing, which at least partly encompasses the lid (11) and is deformed towards the inside. In order to also secure the lid (11) against being twisted relative to the longitudinal axis (9), the inventive device further comprises a groove (31) which receives the deformed portion of the housing wall, is incorporated into the circumference of the lid, and is provided with an inclined section in at least one part of a winding that surrounds the lid (11).

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