

Title (en)
ASSEMBLY FOR A FLUID-FILLED PISTON-CYLINDER UNIT, AND FLUID-FILLED PISTON-CYLINDER UNIT HAVING AN ASSEMBLY OF THIS TYPE

Title (de)
BAUGRUPPE FÜR EINE FLUIDGEFÜLLTE KOLBEN-ZYLINDER-EINHEIT SOWIE FLUIDGEFÜLLTE KOLBEN-ZYLINDER-EINHEIT MIT EINER DERARTIGEN BAUGRUPPE

Title (fr)
ENSEMBLE POUR UNE UNITÉ PISTON-CYLINDRE REMPLIE DE FLUIDE ET UNITÉ PISTON-CYLINDRE REMPLIE DE FLUIDE DOTÉE D'UN ENSEMBLE DE CE TYPE

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Application
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Abstract (en)
[origin: WO2022171463A1] An assembly for a fluid-filled piston-cylinder unit (1; 1c) comprises: a main body (23; 23a; 23c) having an assembly longitudinal axis (24); a valve unit (38; 38a) integrated in the main body (23; 23a; 23c) and having a transfer port (39, 40, 41, 42), which valve unit seals the transfer port (39, 40, 41, 42) when the assembly (22; 22a; 22b; 22c) is moved along the assembly longitudinal axis (24) in a first direction (50; 52) and releases the transfer port (39, 40, 41, 42), in dependence on a fluid pressure, when the assembly (22; 22a; 22b; 22c) is moved along the assembly longitudinal axis (24) in a second direction (52; 50). The assembly (22; 22a; 22b; 22c) also comprises an outer seal element (26; 26b) for being sealingly seated against an inner surface (27) of the housing (2), which outer seal element element is disposed on the main body (23; 23a; 23c) for movement along the assembly longitudinal axis (24), and at least one undercut element (33; 33c) formed on the main body (23; 23a; 23c) for interlockingly engaging behind a mating element (14) of the piston-cylinder unit (1; 1c).

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