

Abstract

The invention relates to a device with hydraulic actuation for the closure of a vessel by means of a rotation-symmetric reciprocating piston mechanism of an extremely compact type, which includes a reciprocating hydraulic piston and an intensifier piston, which are in each case moved in cylinders. The hydraulic piston is driven water-hydraulically and the intensifier piston pneumatically, these two forming a direct axial functional unit via a fluid, which is located in a chamber between the lower face of the hydraulic cylinder and the upper face of the intensifier piston. The upper face of the hydraulic piston forms at least partially the plug-type closure of the vessel or is rigidly connected to a closure element of the vessel.

(Figure 1)