

Title (en)
HYDROPNEUMATIC MEMBRANE CYLINDER

Title (de)
HYDROPNEUMATISCHER MEMBRANZYLINDER

Title (fr)
CYLINDRE HYDROPNEUMATIQUE À MEMBRANE

Publication
EP 3715645 B1 20230809 (DE)

Application
EP 20155287 A 20200204

Priority
DE 202019101693 U 20190326

Abstract (en)
[origin: CN212509053U] A hydraulic pneumatic diaphragm cylinder (30) comprises a cylinder housing (31) and two diaphragm pistons (36, 37) disposed in a cylinder space array (32) and each having a diaphragm (38, 39) extending radially between a cylinder wall (60) and a piston rod unit (35), the diaphragm pistons (36, 37) being disposed on the piston rod unit (35) in an axially offset manner and the diaphragm pistons (38,39) being disposed in a spaced manner. Wherein the piston rod unit (35) is retracted by pressing one of the diaphragm pistons (36), and the piston rod unit (35) is withdrawn by pressing the other diaphragm piston (36), the cylinder space array (32) comprising two separate cylinder spaces (33, 34) disposed in a cylinder housing (31), and each of the cylinder spaces (33, 34) houses the diaphragm cylinder (36, 37). The diaphragm piston (35).

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CPC (source: EP)
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