

Title (en)
Hydraulic cylinder

Title (de)
Hydraulikzylinder

Title (fr)
Vérin hydraulique

Publication
EP 2543892 A2 20130109 (DE)

Application
EP 12004288 A 20120605

Priority
DE 102011107317 A 20110706

Abstract (en)
The hydraulic cylinder has a hollow cylindrical casing (1), whose end faces are closed by the respective covers (2,3) in a pressure-tight manner. A back and forth moving piston (4) is axially arranged between the covers of the casing, where two pressure chambers (5,6) are separated from each other by the piston. A pressure compensator (7.1,7.2) is provided in each pressure chamber. The pressure compensators are arranged in the respective pressure chambers facing the inner end faces (8, 9) of the covers.

Abstract (de)
Hydraulikzylinder, umfassend einen hohlzylinderförmigen Mantel (1), der stirnseitig beiderseits durch jeweils einen Deckel (2, 3) druckdicht verschlossen ist, wobei im Mantel (1) ein axial zwischen den Deckeln (2, 3) hin und her beweglicher Kolben (4) angeordnet ist, der zwei Druckräume (5, 6) voneinander trennt und umfassend zumindest einen Druckkompensator (7.1, 7.2, 7.3, 7.4), der in zumindest einem der Druckräume (5, 6) angeordnet ist.

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