

Title (en)
Hydraulic cylinder for use in a hydraulic tool

Title (de)
Hydraulikzylinder zur Verwendung in einem hydraulischen Werkzeug

Title (fr)
Vérin hydraulique pour outil hydraulique

Publication
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Application
EP 05075591 A 20050310

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Abstract (en)
The invention relates to a hydraulic cylinder, for use in a hydraulic tool, comprising a hollow cylinder body (8) accommodating a first piston, which first piston is composed of a hollow first piston rod (14), which extends from the cylinder body, and a first piston body (20) connected thereto, said cylinder body and said first piston body defining a first cylinder chamber (21) and said cylinder body, said first piston body and said first piston rod defining a second cylinder chamber (22), as well as a second piston accommodated in the hollow first piston rod, which second piston is composed of a second piston rod (26), which extends through the first piston body and which is connected to the cylinder body, and a second piston body (25) connected thereto, said first piston rod and said second piston body defining a third cylinder chamber (23) and said first piston rod, said second piston rod and said second piston body defining a fourth cylinder chamber (24), wherein the second piston rod is at least provided with a bore that terminates in the third cylinder chamber, and wherein the cylinder chambers can be connected to a first (P1) and a second supply line (P2), respectively, for extending and retracting the first piston rod.

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Citation (applicant)
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