Title (en)
HYDRAULIC CYLINDER WITH VALVE DEVICE

Title (de)
HYDRAULIKZYLINDER MIT VENTILEINRICHTUNG

Title (fr)
VÉRRIN HYDRAULIQUE AVEC DISPOSITIF DE SOUPAPE

Publication
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Application
EP 12768728 A 20120928

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Abstract (en)
[origin: WO2013045113A1] The invention relates to a valve device for mounting on a hydraulic cylinder having a first cylinder port, wherein the valve device has a first cylinder port connection (A') for the connection to the first cylinder port on the hydraulic cylinder, wherein the first cylinder port connection (A') is arranged such that it is optionally connected via a directional valve (22, 36) to a first pressure connection (P1) on the pressure side of the hydraulic pump or to a first tank connection (T1) to a tank. The valve device has a first cylindrical opening (21A) for enclosing a cylindrical connecting element (15), which has a first radial fluid opening (18) which is connected to the first cylinder port, wherein the cylindrical opening (21A) contains the first cylinder port connection (A') on the inside and wherein two seals (28, 30) are arranged such that they seal off the first radial fluid opening (18) so tightly on both sides that a tight connection is produced between the first cylinder port connection (A') and the first radial fluid opening (18) when the connecting element (15) is inserted into the first cylindrical opening (21A).

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