

Title (en)

Hydraulic actuator.

Title (de)

Hydraulische Stelleinrichtung.

Title (fr)

Vérin hydraulique.

Publication

EP 0201470 A1 19861112 (EN)

Application

EP 86850143 A 19860421

Priority

NO 851671 A 19850425

Abstract (en)

Hydraulic actuator for turning movement of a knuckle, especially a steering knuckle, a torus shaped guiding path for pistons (4, 5) comprising a carrier ring (3) connected to the knuckle (8), the carrier ring (3) thereby establishing the inner circumference of the path and being sealingly moveable against a lower part (2) and an upper part (1) which is secured to the lower part and which together establish the rest of the path and being stationary, at least one piston (4) being sealingly displaceable in the guiding path and fixed to the carrier ring (3) and at least one fixed piston (5) secured to the lower part (2), whereby channels (9, 10) establish input and output for hydraulic fluid to diametrically opposed spaces between a displaceable piston (4) and a fixed piston (5), the carrier ring (3) being connected turnable with the steering knuckle (8) and displaceable in the axis direction thereof by means of two diametrically opposed pins (7) connected with the knuckle (8), received in corresponding bearing linings in the inner circumference of the carrier ring.

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F15B 15/12; **B63H 25/30**

IPC 8 full level

B63H 25/30 (2006.01); **F15B 15/12** (2006.01)

CPC (source: EP KR)

F15B 9/06 (2013.01 - KR); **F15B 15/12** (2013.01 - EP)

Citation (search report)

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