

Title (en)
HYBRID CYLINDER

Title (de)
HYBRIDZYLINDER

Title (fr)
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Application
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Abstract (en)
[origin: WO2011130863A2] The invention relates to a hybrid working cylinder (1) which may be a hydraulic or pneumatic or electric working cylinder or rotary drive and a gas spring (8) assists the stroke (H) of a piston rod (5) in a power direction and, if required, a position of the stroke (H) can be blocked by means of a stroke locking mechanism (12) or a blocking valve (21) in the event of failure of the hybrid working cylinder (1) or of the working means, the gas spring (8) can move the entire system (25, 26) into a predetermined stroke position, and the gas spring (8) is attached, in the hybrid working cylinder (1) or outside the latter, to the axles (30) or between a platform (25) and the parallelogram (26). Furthermore, the gas spring cylinder (33) of the gas spring (8, 8a, 8b) may serve as a piston rod (5).

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