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(54) Title: WHEEL SUSPENSION FOR WHEELED VEHICLES

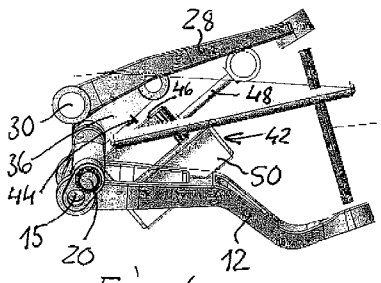


Fig. 4

(57) Abstract: Wheel suspension for a wheeled vehicle, with a lower rocking lever (12) with an inner end being movably connected to a vehicle frame (14) via a lower arm part (16) of a double armed rocker (18) which is pivotable about a substantially horizontal axle (20) in the vehicle frame, and with an outer end being articulately attached to a lower part of a wheel hub (24), and an upper support arm (28) with an outer end being articulately attached to an upper end of the wheel hub (24), and with an inner end, being articulately connected to the vehicle frame (14). The upper support arm (28) is connected to an upper arm part (34) of the double armed rocker (18) via a coupling link (36), which is articulately connected to the upper support arm (28) as well as the upper arm part (34) of the double armed rocker (18), wherein the lower rocking lever (12) has an inclination obliquely downwardly outwardly from the vehicle frame (14) in a neutral position of the wheel hub (24). A hydro-pneumatically combined spring acting and damping member (42), which comprises a hydraulic piston-cylinder device (44) and a gas spring (50) communicating therewith via restriction members is with its cylinder articulately connected to the vehicle frame (14), while the outer end of the piston stem (48) of the piston-cylinder device is articulately connected to the upper support arm (28).

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