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(54) Title: HYDRAULIC ANTI-ROLL SYSTEM

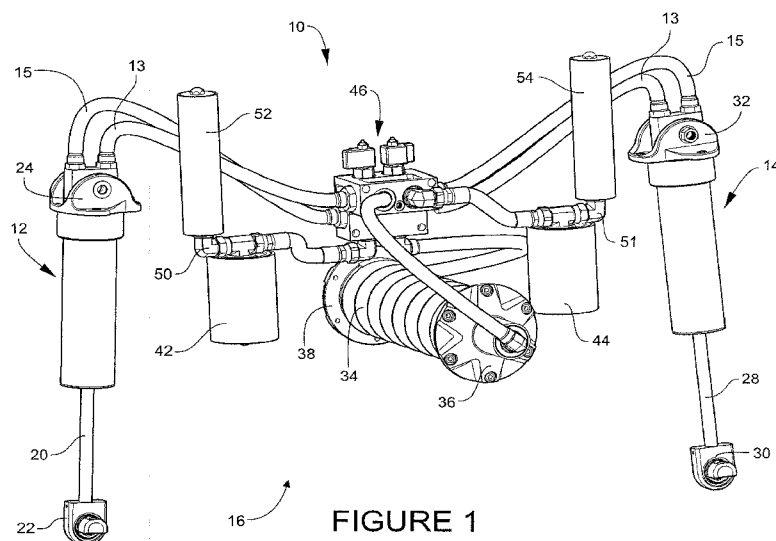


FIGURE 1

(57) Abstract: A hydraulic anti-roll system for a vehicle includes a first hydraulic actuator, a second hydraulic actuator, an anti-roll control module, and an anti-roll bypass valve. The first hydraulic actuator is adapted to be connected between the suspension and frame of the vehicle on one side and the second hydraulic actuator is adapted to be connected between the suspension and frame of the vehicle on its other side. The anti-roll control module is connected between the fluid lines of the first and second hydraulic actuators. The anti-roll control module stiffens the compression of the first hydraulic actuator relative to the expansion of the second hydraulic actuator, and stiffens the compression of the second hydraulic actuator relative to the expansion of the first hydraulic actuator. The anti-roll bypass valve is adapted to activate and deactivate the stiffening of the anti-roll control module.

