CLAIMS

1. A method for controlling a suspension system of a motor vehicle (1) comprising a vehicle body (4) and a plurality of wheel pairs (2a/2b, 2c/2d), wherein the suspension system comprises spring members (5) arranged for resilient connection between the wheels (2) of the vehicle and said vehicle body (4) and suspension regulating members (7), wherein the method comprises the step of:

– monitoring (S1) at least one first parameter indicating braking of the motor vehicle (1),

characterized by the step of:

when said parameter indicates braking of the motor vehicle, by means of said suspension regulating members (7) preventing (S4) compression of the spring members (5) of at least one wheel pair (2a/2b, 2c/2d) of the motor vehicle (1) for counteracting a rotation of the vehicle body (4) in connection to braking.

2. A method according to claim 1, wherein the step of preventing compression of the spring members (5) is performed such that wheel suspension compression is prevented if and only if the wheel forces from the ground acting on the wheel in the wheel pair (2a/2b, 2c/2d) do not exceed a certain threshold value.

3. A method according to claim 1 or 2, wherein the step of preventing compression of the spring members (5) comprises applying a locking torque or a locking force on the spring members (5) or thereto connected components.

4. A method according to claim 3, wherein the locking torque or the locking force is applied in such a way that compression of the spring members (5) is prevented if and only if the wheel forces acting on the wheels in the wheel pair (2a/2b) from the ground do not cause a counter directed torque or a counter directed force exceeding said locking torque or locking force.

5. A method according to any preceding claims, further comprising the steps of: