CLAIMS

1. A method of operating a system arrangement for lifting mechanisms comprising at least one drive motor (1, 1'), at least one cable drum (2, 2') connected thereto, a reduction transmission (3) arranged between the drive motor (1, 1') and the cable drum (2, 2'), an automatic overrun shutdown means, and at least one safety brake (4, 4'), wherein there is provided at least one active motor locking means (5, 5') for holding the load when the drive motor (1, 1') is slowed down and the motor locking means is activated immediately after electrical deceleration of the drive motor or motors to a rotary speed '0'.

2. A system arrangement for lifting mechanisms comprising at least one drive motor (1, 1'), at least one cable drum (2, 2') connected thereto, a reduction transmission (3) arranged between the drive motor (1, 1') and the cable drum (2, 2'), an automatic overrun shutdown means, and at least one safety brake (4, 4'), wherein there is provided at least one active motor locking means (5, 5') for holding the load when the drive motor (1, 1') is decelerated electrically to a rotary speed '0'.

3. A system arrangement according to claim 2 wherein the motor locking means (5, 5') is of a positively locking configuration.

4. A system arrangement according to claim 2 wherein the motor locking means (5, 5') is of a force-locking or frictional-locking configuration.

5. A system arrangement according to claim 3 or claim 4 wherein the motor locking means (5, 5') is actuable hydraulically or electro-hydraulically, pneumatically or magnetically.

6. A system arrangement according to one of claims 2 to 5 wherein the motor locking means (5, 5') is arranged jointly with a motor coupling