

An elevator built in place of an earlier elevator in an elevator shaft or equivalent. In the elevator, the elevator car is suspended by means of hoisting ropes consisting of a single rope or several parallel ropes. The elevator has a traction sheave which moves the elevator car by means of the hoisting ropes. The elevator has rope portions of the hoisting ropes going upwards and downwards from the elevator car, and the rope portions going upwards from the elevator car are under a first rope tension (T_1) which is greater than a second rope tension (T_2), which is the rope tension of the rope portions going downwards from the elevator car, and the elevator has been built in place of an earlier elevator mounted in the elevator shaft or equivalent or by making modifications in the earlier elevator.