

Title (en)
DEVICE FOR PREVENTING UNCONTROLLED ACCELERATION OF AN ELEVATOR CAR INSTALLED IN AN ELEVATOR INSTALLATION

Title (de)
VORRICHTUNG ZUM VERHINDERN UNKONTROLLIERTER BESCHLEUNIGUNG EINES FAHRKORBS EINER AUFZUGSANLAGE

Title (fr)
DISPOSITIF DESTINE A EMPECHER L'ACCELERATION NON CONTROLEE DE LA CABINE D'UN ASCENSEUR

Publication
EP 1150913 B1 20071219 (DE)

Application
EP 00901469 A 20000209

Priority
• CH 0000070 W 20000209
• DE 19906073 A 19990212

Abstract (en)
[origin: US6619435B1] A device for preventing uncontrolled acceleration of an elevator car installed in an elevator installation. The device has a limiting cable guided over rollers in a direction of movement of the elevator car. A braking device which is joined to the elevator car is connected to the limiting cable by a release and brakes the elevator car in both a downward and upward direction when the limiting cable transmits a predetermined release force to the release. A speed limiter is connected to one of the rollers and stops the roller when the traveling speed of the elevator car exceeds a predetermined limiting speed either in a downward or upward direction. The release of the braking device is connected by a slide connection to the limiting cable for limiting the force transmitted to the release so that the limiting cable slides through on the side connection when a force is significantly larger than the release force required for releasing the braking device is transmitted from the limiting cable to the release of the braking device.

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