

Title (en)

Safety device for multi-mobile elevator groups

Title (de)

Sicherheitseinrichtung bei Multimobil-Aufzugsgruppen

Title (fr)

Dispositif de sécurité pour groupes d'ascenseur multi-mobiles

Publication

EP 0769469 B1 20031217 (DE)

Application

EP 96115953 A 19961004

Priority

CH 293595 A 19951017

Abstract (en)

[origin: EP0769469A1] The safety device prevents collisions between lift cabins (C1,...Cn) moved along the same lift shaft (1), by providing each lift cabin with a safety module which monitors the position and velocity of each of the other lift cabins. The safety module contains an integrated decision module, receiving travel data via a communication system and deciding whether or not the lift cabin can stop in dependence on the positions and velocities of the other lift cabins. The decision stage controls normal and emergency braking of the lift cabin.

IPC 1-7

B66B 1/14

IPC 8 full level

B66B 9/02 (2006.01); **B66B 1/14** (2006.01); **B66B 1/18** (2006.01); **B66B 1/24** (2006.01); **B66B 5/00** (2006.01)

CPC (source: EP US)

B66B 5/0031 (2013.01 - EP US); **B66B 5/0037** (2013.01 - EP US); **B66B 9/003** (2013.01 - EP US)

Cited by

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