

Title (en)

Procedure and apparatus for testing the safety gear of an elevator

Title (de)

Verfahren und Gerät zum Testen einer Aufzugsfangvorrichtung

Title (fr)

Procédure et appareil pour tester un parachute d'ascenseur

Publication

EP 0872444 A3 19990331 (EN)

Application

EP 98106644 A 19980409

Priority

FI 971551 A 19970414

Abstract (en)

[origin: EP0872444A2] To test a safety gear activated by the slackening of an elevator rope (4), the elevator rope (4) is connected to the elevator car by a point between its ends by means of a testing apparatus, whereupon a tension acting in the direction away from the rope end attached to the elevator car is created in the rope by means of the testing apparatus. The rope is slackened so that it does not carry the weight of the elevator car. By driving the elevator car downwards and by actuating a trigger (10), the tension is removed, whereupon the rope slackness is detected at the rope end attached to the elevator car and the safety gear is activated. <IMAGE>

IPC 1-7

B66B 5/00

IPC 8 full level

B66B 5/12 (2006.01)

CPC (source: EP)

B66B 5/12 (2013.01)

Citation (search report)

- [A] EP 0655410 A2 19950531 - OTIS ELEVATOR CO [US]
- [A] DE 473940 C 19290325 - OTIS AUFZUGSWERKE G M B H

Cited by

CN109952262A; US7204964B2; WO2018092308A1; WO2005021413A1

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