

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

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 0872444 A2 19981021; EP 0872444 A3 19990331**; FI 105177 B 20000630; FI 971551 A0 19970414; FI 971551 A 19981015

DOCDB simple family (application)

**EP 98106644 A 19980409**; FI 971551 A 19970414