Title (en)

CABLE BRAKE

Title (de)

SEILBREMSE

Title (fr)

FREIN DE CABLE

Publication

EP 1646575 B1 20111109 (DE)

Application

EP 04763319 A 20040717

Priority

- EP 2004008025 W 20040717
- DE 10334654 A 20030722

Abstract (en)

[origin: WO2005009883A1] The invention relates to a cable brake (10; 60) for an elevator, said brake being provided for braking a cable (18), coupled to a car. Said cable brake comprises a stop (16) which is stationary in the cable longitudinal direction, at least one brake shoe (28), whereby said cable (18) can be lead through between the stop (16) and the brake shoe (28) and said brake shoe (28) can be displaced in a reciprocating movement between a braking position, pressing the cable (18) against the stop (16), and a release position, releasing said cable (18), as well as a drive (30), coupled to the brake shoe (28), for releasing the cable (18). The aim of said invention is to design a cable brake of the aforementioned type with a simpler construction and by means of which the cable (18) may be braked within a short time. Said aim is achieved, whereby the drive is embodied as a linear drive (30) and the at least one brake shoe (28) can be transferred into the release position thereof by means of said linear drive against the effect of a brake force, acting upon said shoe in the braking position thereof. Said invention also relates to a method for testing such a cable brake (10; 60).

IPC 8 full level

B66B 5/24 (2006.01); **B66D 5/16** (2006.01)

CPC (source: EP KR US)

B66B 5/16 (2013.01 - KR); **B66B 5/18** (2013.01 - KR); **B66B 5/24** (2013.01 - KR); **B66D 5/16** (2013.01 - EP US)

Cited by

WO2018086989A1; AU2017358502B2; DE102019104339A1; US11661314B2; WO2020169399A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005009883 A1 20050203; AT E532734 T1 20111115; CN 1826279 A 20060830; CN 1826279 B 20120104; DE 10334654 A1 20050210; EP 1646575 A1 20060419; EP 1646575 B1 20111109; ES 2373041 T3 20120130; JP 2006528117 A 20061214; JP 4284359 B2 20090624; KR 100744692 B1 20070801; KR 20060041275 A 20060511; US 2006157306 A1 20060720; US 2008168832 A1 20080717; US 7377371 B2 20080527; US 7510059 B2 20090331

DOCDB simple family (application)

EP 2004008025 W 20040717; AT 04763319 T 20040717; CN 200480020996 A 20040717; DE 10334654 A 20030722; EP 04763319 A 20040717; ES 04763319 T 20040717; JP 2006520759 A 20040717; KR 20067001576 A 20060123; US 33660906 A 20060120; US 7787008 A 20080320