

Title (en)

Braking device for an elevator car.

Title (de)

Bremseinrichtung einer Aufzugskabine

Title (fr)

Dispositif de freinage pour une cabine d'ascenseur.

Publication

EP 1849734 B1 20090909 (DE)

Application

EP 06113302 A 20060428

Priority

EP 06113302 A 20060428

Abstract (en)

[origin: EP1849734A1] The device (2) has a set of brake units (15) e.g. hydraulically actuated brake pistons, each with an actuating lever (16) mounted on an elevator car (5). A traveling flexible tension unit (17) e.g. wire rope, passes round an upper tension-unit reversing-sheave (18), and lower tension-unit reversing-sheave (19), and is coupled to the lever, where the sheaves are installed in upper and lower ends of a travel path of the car. A blocking device (20) breaks the tension unit at overspeed of the elevator car and activates the brake unit via the actuating lever.

IPC 8 full level

B66B 5/06 (2006.01)

CPC (source: EP KR US)

B66B 5/06 (2013.01 - EP US); **B66B 5/16** (2013.01 - KR); **B66B 5/18** (2013.01 - KR); **B66B 5/22** (2013.01 - KR)

Cited by

DE102018009620A1; JPWO2015155854A1; DE102019133376A1; US10093515B2; WO2015155854A1; WO2020115304A1; WO2021110413A1; US11939188B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 1849734 A1 20071031; EP 1849734 B1 20090909; BR PI0702007 A 20071218; CN 101085661 A 20071212; CN 101085661 B 20100602; DE 502006004792 D1 20091022; EP 1849735 A1 20071031; HK 1113920 A1 20081017; KR 101343700 B1 20131220; KR 20070106466 A 20071101; US 2007221453 A1 20070927; US 7905328 B2 20110315; ZA 200703438 B 20090729

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