

Title (en)
Cable brake for a lift

Title (de)
Seilbremse für einen Aufzug

Title (fr)
Frein de câble pour ascenseur

Publication
EP 1489039 B1 20070725 (DE)

Application
EP 04013227 A 20040604

Priority
• EP 04013227 A 20040604
• EP 03405431 A 20030616

Abstract (en)
[origin: EP1489039A2] An elevator has a cable brake system that delivers the braking force (BK) by a pantograph (21) arrangement forming two pairs of levers. A pair of levers consists of a first lever (22), one end of which is attached to the eye (23) end of a rod (23) projecting from the elevator car, and a second lever (24) that pivots on a housing (20). During normal operation the rod (23) remains secured by a trigger lever (25) that pivots on the housing (20). The brake spring force (FK) is applied to the pantograph (21) cables, thereby generating the brake force (BK) on the brake plates.

IPC 8 full level
B66D 5/16 (2006.01); **B66B 5/24** (2006.01); **B66B 15/00** (2006.01)

CPC (source: EP)
B66B 5/185 (2013.01); **B66D 5/16** (2013.01)

Cited by
CN105358462A

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)
EP 1489039 A2 20041222; EP 1489039 A3 20050202; EP 1489039 B1 20070725; AT E367996 T1 20070815; DE 502004004416 D1 20070906; ES 2291775 T3 20080301

DOCDB simple family (application)
EP 04013227 A 20040604; AT 04013227 T 20040604; DE 502004004416 T 20040604; ES 04013227 T 20040604