

Title (en)

Lift car with a modified door lock.

Title (de)

Aufzugskabine mit verbesserter Türverriegelung.

Title (fr)

Cabine d'ascenseur avec verrouillage de porte.

Publication

EP 0383087 B1 19940119 (DE)

Application

EP 90101742 A 19900129

Priority

US 30963089 A 19890213

Abstract (en)

[origin: US4926975A] An elevator car having a clutch carried by a car door for engaging drive rollers of an adjacent hatch door via "open" and "close" vanes of the clutch. A door operator mounted on the car includes a door drive arm which is linked to the car door via a door crank arm. A door lock carried by the door clutch prevents normal operation of the door crank arm, unless the open vane of the door clutch contacts a hatch door drive roller. Thus, unless the car is in a floor landing zone, the car door cannot be opened by a passenger inside the car.

IPC 1-7

B66B 13/12; **B66B 13/16**

IPC 8 full level

B66B 13/12 (2006.01); **B66B 13/16** (2006.01); **B66B 13/18** (2006.01)

CPC (source: EP US)

B66B 13/12 (2013.01 - EP US)

Cited by

EP2298683A1; WO2011032955A1; US9126809B2

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI

DOCDB simple family (publication)

US 4926975 A 19900522; AT E100415 T1 19940215; CA 2009934 A1 19900813; CA 2009934 C 19990824; DE 59004265 D1 19940303; EP 0383087 A1 19900822; EP 0383087 B1 19940119; ES 2050854 T3 19940601; JP H02239086 A 19900921; JP H0676184 B2 19940928

DOCDB simple family (application)

US 30963089 A 19890213; AT 90101742 T 19900129; CA 2009934 A 19900213; DE 59004265 T 19900129; EP 90101742 A 19900129; ES 90101742 T 19900129; JP 3130490 A 19900209