

Title (en)

Lift car with a modified door coupling.

Title (de)

Aufzugskabine mit verbesserter Türkupplung.

Title (fr)

Cabine d'ascenseur avec couplage de porte.

Publication

EP 0383086 B1 19931027 (DE)

Application

EP 90101741 A 19900129

Priority

US 30962989 A 19890213

Abstract (en)

[origin: US4926974A] An elevator car having a clutch pivotally carried by a car door and biased to an operative position in which drive rollers of an adjacent hatch door may be engaged by "open" and "close" vanes. A first parallelogram linkage operates the close vane in direct response to car door position, in a direction opposite to initial car door opening movement. A second parallelogram linkage, associated with the open vane, is operated when the open vane contacts a hatch door roller at the start of door opening, to unlock the car door by retracting a plunger from an opening in the car door sill. The car door clutch bias may be manually overcome by authorized maintenance personnel, to disengage the car door from a hatch door.

IPC 1-7

B66B 13/12

IPC 8 full level

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

CPC (source: EP US)

B66B 13/12 (2013.01 - EP US)

Cited by

EP0650916A3

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI

DOCDB simple family (publication)

US 4926974 A 19900522; AT E96407 T1 19931115; CA 2009935 A1 19900813; CA 2009935 C 19990914; DE 59003178 D1 19931202; EP 0383086 A1 19900822; EP 0383086 B1 19931027; ES 2047720 T3 19940301; JP H02239085 A 19900921; JP H0737315 B2 19950426

DOCDB simple family (application)

US 30962989 A 19890213; AT 90101741 T 19900129; CA 2009935 A 19900213; DE 59003178 T 19900129; EP 90101741 A 19900129; ES 90101741 T 19900129; JP 3227790 A 19900213