

Title (en)

Device for conveying automobiles on the same level, for use with lifts operating in multi-storey car parks.

Title (de)

Vorrichtung zum horizontalen Verschieben von Fahrzeugen in mit Aufzügen ausgestatteten mehrstöckigen Garagengebäuden.

Title (fr)

Dispositif de déplacement horizontal de voitures pour garages à étages munis d'ascenseurs.

Publication

**EP 0395601 A1 19901031 (EN)**

Application

**EP 90830181 A 19900427**

Priority

IT 344589 A 19890428

Abstract (en)

This device for conveying cars consists of a first moving guide (7) supported by a series of fixed brackets (8) adjacent and parallel to one of the longer sides of a lift (3), and a second moving guide (9) braced by a twist-resistant tube, the same length as the first moving guide (7) and running on it by means of a first carriage (11) moving along the second moving guide (9). A second carriage (15) runs along the second moving guide (9), supporting a plate (13) with a pair of idler rollers (14) with horizontal axes pivoting on it. The second guide (9) with the carriage (15) running inside it, has first and second chain drive means (12 and 21), enabling the second guide (9) to appear alternately on each of the shorter sides of the lift (3), and enabling the plate (13) to move freely; the rollers (14) are controlled by means (20) causing them to move between the hold and release position on a wheel (2a) of the car (2).

IPC 1-7

**E04H 6/28**

IPC 8 full level

**E04H 6/28** (2006.01)

CPC (source: EP)

**E04H 6/285** (2013.01)

Citation (search report)

- [A] FR 1594647 A 19700608
- [A] EP 0016464 A2 19801001 - TREUHAND REPORT WIRTSCHAFTSPRU [DE]
- [A] DE 1684892 A1 19700702 - ROTH DR ANTON

Cited by

US5478182A; EP1254859A3; GB2268732A; GB2268732B; WO9937872A1; WO2007113602A1; WO2019146133A1

Designated contracting state (EPC)

AT BE DE FR GB NL

DOCDB simple family (publication)

**EP 0395601 A1 19901031**; IT 1233780 B 19920417; IT 8903445 A0 19890428

DOCDB simple family (application)

**EP 90830181 A 19900427**; IT 344589 A 19890428