

Title (en)
Multi-stacking parking system

Title (de)
Multistapelparksystem

Title (fr)
Système de parking à empilement multiple

Publication
EP 0740034 A1 19961030 (EN)

Application
EP 96400889 A 19960425

Priority
KR 19950010009 A 19950427

Abstract (en)
A multi-stacking parking system (100) having a separation-type automatic carrying means, is disclosed including : a parking structure (102) having a plurality of parking sections (132) formed in combination of vertical and horizontal members; a slider (104) mounted on a guide rail (116) offered on the bottom of the parking structure (102), the slider (104) having a vertical member and a horizontal member for fixing the vertical member: a self-advancing lift (106) capable of repeatedly moving up and down along a passage of the slider (104), the lift having a rotatable turntable (114); and at least one carrier (108) for reciprocating between a terminal and the self-advancing lift (106) or between the self-advancing lift (106) and the parking section (132). <IMAGE>

IPC 1-7
E04H 6/28

IPC 8 full level
B65G 1/04 (2006.01); **E04H 6/18** (2006.01); **E04H 6/22** (2006.01); **E04H 6/28** (2006.01)

CPC (source: EP KR)
E04H 6/287 (2013.01 - EP KR)

Citation (search report)

- [X] FR 1178609 A 19590513
- [XA] US 2785809 A 19570319 - RIBLET ROYAL N
- [A] US 3774784 A 19731127 - GLASS B
- [A] US 1886943 A 19321108 - D HUMY FERNAND E

Cited by
CN113335819A; CN103643823A; CN1111550095A; CN103669945A; CN107988869A; CN106337581A; CN108843085A; CN111762482A; CN103669942A; CN103669944A; CN110185309A; CN112572558A; CN114135128A; CN103790414A; CN107021440A; CN107119950A; CN112576083A; CN106121308A; CN106193718A; CN106337584A; CN109707201A; CN101899915A; CN107222059A; CN108625637A; GB2570984A; GB2570984B; CN111115082A; DE10151916A1; CN103225433A; CN109306809A; CN109322517A; CN103603524A; CN106121321A; CN107269070A; CN116837854A; WO2018026354A1; WO2019115556A1; US11542718B2; EP3517709A1; US10766698B2; US11161688B2

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0740034 A1 19961030; JP H094264 A 19970107; KR 960038024 A 19961121

DOCDB simple family (application)
EP 96400889 A 19960425; JP 9811296 A 19960419; KR 19950010009 A 19950427