

Title (en)

AUTOMATED PARKING GARAGE/SELF-STORAGE APPARATUS AND AUTOMATED GUIDED VEHICLE

Title (de)

AUTOMATISIERTE PARKGARAGE/SELBSTABSTELLVORRICHTUNG UND AUTOMATISCH GEFÜHRTES FAHRZEUG

Title (fr)

APPAREIL DE PARC À ÉTAGES/STOCKAGE EN LIBRE-SERVICE AUTOMATIQUE ET VÉHICULE À GUIDAGE AUTOMATIQUE

Publication

EP 2764183 B1 20190814 (EN)

Application

EP 12859744 A 20121221

Priority

- US 201161579411 P 20111222
- US 201213659321 A 20121024
- US 201261736049 P 20121212
- US 2012071189 W 20121221

Abstract (en)

[origin: WO2013096739A1] A parking system includes a plurality of trays having a parking platform for supporting a vehicle and legs for keeping the parking platform in an elevated position on a supporting surface of the parking facility. The parking system also has at least one automated guided vehicle for moving the tray with the vehicle thereon between an access location and a specified parking location. The automated guided vehicle has a frame and drive devices mounted on the frame. Each drive device has a turntable rotatable about a vertical axis and two independently driven wheels mounted on the turntable. The automated guided vehicle can fit beneath the parking platform of the tray and can lift the tray for moving the tray and the vehicle between the access location and the specified parking location.

IPC 8 full level

E04H 6/00 (2006.01)

CPC (source: EP)

E04H 6/34 (2013.01); **E04H 6/36** (2013.01)

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DOCDB simple family (publication)

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