

Title (en)

Drive units for movable platforms for automated parking systems

Title (de)

Antriebsvorrichtungen für bewegliche Paletten für automatisierte Parksysteme

Title (fr)

Unités d'entraînement pour plate-formes mobiles pour systèmes de stationnement automatisés

Publication

**EP 2584120 A3 20170628 (EN)**

Application

**EP 12189115 A 20121018**

Priority

IT PN20110070 A 20111020

Abstract (en)

[origin: EP2584120A2] Drive units for movable platforms for supporting and transporting motor-vehicles for automated parking systems having one or more overlapped floors, adapted to actuate and to transport said movable platforms toward and from parking positions selected in advance. There are provided two drive units (10) identical to each other, adapted to displace the movable platforms (11), one in the longitudinal direction and the other one in the transversal direction of each parking floor, each one of which comprises a lifting and sliding unit (14) constituted by a rotating roller (19) and a bellows element (16), and an actuating unit (15) constituted by a gearmotor (36) and movement transmission members (33, 34, 35) for the lifting and sliding unit (14).

IPC 8 full level

**E04H 6/22** (2006.01)

CPC (source: EP)

**E04H 6/22** (2013.01)

Citation (search report)

- [XA] WO 2009039499 A1 20090326 - KRPS PARTNERS LLC [US], et al
- [XA] US 5190427 A 19930302 - LAI NELSON [TW]

Cited by

CN109143869A; CN106285119A; CN104975738A; CN115492488A

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2584120 A2 20130424; EP 2584120 A3 20170628; EP 2584120 B1 20190123; IT PN20110070 A1 20130421**

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