

Title (en)

DEVICE FOR AUTOMATICALLY PARKING MOTOR VEHICLES

Title (de)

VORRICHTUNG ZUM AUTOMATISCHEN PARKEN VON KRAFTFAHRZEUGEN

Title (fr)

DISPOSITIF DE STATIONNEMENT AUTOMATIQUE DE VÉHICULES AUTOMOBILES

Publication

EP 2560836 A1 20130227 (DE)

Application

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Priority

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Abstract (en)

[origin: WO2011131158A1] The invention relates to a device for automatically parking motor vehicles, comprising a conveyor device, which acts between at least one station for rendering and/or removing a motor vehicle and a plurality of parking spaces, the parking spaces being arranged in a matrix-like manner, being occupied by conveyor pallets that can be moved in the transverse and longitudinal direction and that are used for parking, and having at least one free space without a conveyor pallet for moving the conveyor pallets, and the conveyor device being constructed of conveyor modules that can be lined up in a modular manner in the longitudinal and transverse direction and that comprise a longitudinal conveyor unit, a transverse conveyor unit, and optionally a lifting drive. Said device is characterized in that at least one conveyor pallet has an energy supply device, in particular an electrical power supply device, and in that an energy store, in particular a battery, of a motor vehicle that can be driven by an electric motor can be charged by the energy supply device.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2011131158A1

Citation (examination)

- EP 2199141 A1 20100623 - AISIN AW CO [JP]
- US 2007131505 A1 20070614 - KIM BRYAN H J [US]

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CN106828172A

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