

Title (en)

Parking device for motor vehicles.

Title (de)

Parkvorrichtung für Kraftfahrzeuge.

Title (fr)

Dispositif de stationnement pour véhicules.

Publication

**EP 0218165 A2 19870415 (DE)**

Application

**EP 86113335 A 19860927**

Priority

DE 3535682 A 19851005

Abstract (en)

1. Parking device for motor vehicles having devices for the raising and lowering and lateral moving of motor vehicles on pallets (4, 21), whereby the parking places for the motor vehicles are arranged side by side and one above the other, the parking spaces below the level of approach (22) being accessible by means of lifting devices for the pallets (4) and the pallets (21) at the level of approach being laterally movable, and having a laterally movable lifting device for a plurality of parking spaces arranged side by side, whereby the lifting device (1) acts on the liftable pallets (4) from below characterized in that the laterally movable lifting device (1) is movable in a space (2) which is kept clear between the floor (3) of the parking device and the pallets which have been lowered from the level of approach (4) and in that the lifting device is composed of a scissor arrangement (1) which is supported on a sliding frame (5) and pushes the liftable pallets (4) upwards and in that the scissor arrangement (1) consists of two pairs of pivoted scissor elements crossing one another (6, 7), the lower end (8) of one element (6) of each pair being pivoted to the sliding frame (5) and the lower end (9) of the other element (7) of each pair being held in a guiding device (10) of the sliding frame, and in that a cylinder (11) driving the scissor arrangement (1) is arranged on one side of the scissor pivots (12) between the scissor elements (6, 7) and in that the sliding frame (5) also carries a hydraulic pumping unit (13).

Abstract (de)

Die Parkvorrichtung besitzt Paletten (21) in der Ebene der Zufahrt (22) und Paletten (4) unterhalb dieser Zufahrtsebene. Die Paletten (21) sind seitlich verschiebbar, die Paletten (4) nur heb- und senkbar. Als Hubvorrichtung findet eine Scherenanordnung (1) Verwendung, die in dem Raum (2) zwischen dem Boden (3) und den abgesenkten Paletten (4) seitlich beweglich ist, so daß sie jeweils unter diejenige Palette verschoben werden kann, die anzuheben ist.

IPC 1-7

**E04H 6/18**

IPC 8 full level

**E04H 6/06** (2006.01); **E04H 6/18** (2006.01)

CPC (source: EP)

**E04H 6/188** (2013.01)

Cited by

CN103061550A; CN103061559A; EP0220594A3; CN107575071A; CN108643642A; EP0456072A1; WO2014035288A1

Designated contracting state (EPC)

AT CH DE FR GB LI

DOCDB simple family (publication)

**EP 0218165 A2 19870415**; **EP 0218165 A3 19871104**; **EP 0218165 B1 19901017**; AT E57564 T1 19901115; DE 3535682 A1 19870416; DE 3535682 C2 19931118; DE 3674978 D1 19901122; JP H0733721 B2 19950412; JP S62111075 A 19870522

DOCDB simple family (application)

**EP 86113335 A 19860927**; AT 86113335 T 19860927; DE 3535682 A 19851005; DE 3674978 T 19860927; JP 23637886 A 19861006