

Title (en)
PARKING DEVICE FOR MOTOR VEHICLES

Publication
EP 0218165 A3 19871104 (DE)

Application
EP 86113335 A 19860927

Priority
DE 3535682 A 19851005

Abstract (en)
[origin: EP0218165A2] 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).

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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)

Citation (search report)
• [YD] DE 3212822 A1 19831013 - KASPAR KLAUS [DE]
• [Y] DE 1759343 A1 19710616 - KUESTER HANS DIETER
• [A] US 1394999 A 19211025 - MCKINSTRY FRANK Y

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

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