

Title (en)
PARKING FACILITY FOR MOTOR VEHICLES

Title (de)
PARKANLAGE FÜR KRAFTFAHRZEUGE

Title (fr)
INSTALLATION DE STATIONNEMENT POUR VÉHICULES AUTOMOBILES

Publication
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Application
EP 09761535 A 20090409

Priority
• EP 2009054290 W 20090409
• DE 102008029075 A 20080610

Abstract (en)
[origin: WO2009149972A1] In order to be able to provide, even in an intricate building situation, particularly fast transport of motor vehicles (28) in a parking facility for motor vehicles (1), comprising a pallet changer device (16) in which two guides (13, 14) for pallet (15) are arranged on top of each other, said pallets being horizontally displaceable in the pallets, comprising a lifting device (25, that can lift a pallet (15) from the lower guide (13) into the upper guide (14) and vice versa lower it from the upper guide (14) into the lower guide (13), the invention proposes that the pallet changer device (16) can be moved by means of a motor drive (26) between an entrance or exit position (5, 6), in which a pallet (15) in the upper guide (14) is aligned with the entrance or exit (5, 6) of the parking facility (1), and between a pallet transfer station (29), in which both guides (13, 14) of the pallet changer device (16) are aligned with guides (13, 14) arranged on top of each other of a high rack transport vehicle (12) or a parking shelf, and that a controller (19) is provided which coordinates the movement of the pallet changer device (16) between the entrance or exit position (5, 6) and the pallet transfer station (29) and the activation of the lifting device (25) such that the lifting movement of the pallets (15) in the pallet changer device (16) is carried out during the movement of the pallet changer device (16) between the entrance and exit position (5, 6) and the pallet transfer station (29).

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Citation (search report)
See references of WO 2009149972A1

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