

Title (en)

ARRANGEMENT FOR SPACE-SAVING VEHICLE PARKING

Title (de)

VORRICHTUNG ZUM RAUMSPARENDEN ABSTELLEN VON KRAFTFAHRZEUGEN

Title (fr)

DISPOSITIF POUR UN STATIONNEMENT A ENCOMBREMENT REDUIT D'AUTOMOBILES

Publication

**EP 0656980 B1 19980923 (DE)**

Application

**EP 93911736 A 19930510**

Priority

- DE 9300406 W 19930510
- DE 4227609 A 19920820

Abstract (en)

[origin: US5678972A] PCT No. PCT/DE93/00406 Sec. 371 Date Feb. 17, 1995 Sec. 102(e) Date Feb. 17, 1995 PCT Filed May 10, 1993 PCT Pub. No. WO94/04779 PCT Pub. Date Mar. 3, 1994The mechanical facility, according to the invention, for the space-saving parking of motor vehicles has at least one entrance and exit EA and a multiplicity of parking spaces EP, and a multiplicity of stacking carriages SW, which are arranged one beside the other and can be displaced to the side, is provided, of which each stacking carriage is formed such that a multiplicity of pairs of pallets PL, located one beside the other and intended for receiving parked motor vehicles, can be arranged thereon one above the other and/or one beneath the other. By lateral displacement of the stacking carriages SW, a lifting passage HGS can be produced between any two selected stacking carriages SW. A lifting carriage HW can travel to the lifting passage, which lifting carriage can remove individual pallets PL from a stacking carriage SW adjacent to the lifting passage HGS, and introduce them into said stacking carriages SW. The lifting carriage HW can lift any pallet PL onto the level of at least one entrance or exit EA.

IPC 1-7

**E04H 6/18**; E04H 6/42; E04H 6/22

IPC 8 full level

**D04B 27/26** (2006.01); **D04B 27/30** (2006.01); **E04H 6/18** (2006.01); **E04H 6/22** (2006.01); **E04H 6/42** (2006.01)

CPC (source: EP US)

**E04H 6/18** (2013.01 - EP US); **E04H 6/22** (2013.01 - EP US); **E04H 6/422** (2013.01 - EP US)

Cited by

CN103628720A

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**US 5678972 A 19971021**; AT E171502 T1 19981015; DE 4227609 A1 19940224; DE 4227609 C2 19951221; DE 59309014 D1 19981029; EP 0656980 A1 19950614; EP 0656980 B1 19980923; JP 3244704 B2 20020107; JP H08500402 A 19960116; WO 9404779 A1 19940303

DOCDB simple family (application)

**US 38790195 A 19950217**; AT 93911736 T 19930510; DE 4227609 A 19920820; DE 59309014 T 19930510; DE 9300406 W 19930510; EP 93911736 A 19930510; JP 50573794 A 19930510