

Title (en)  
Automatic car parking.

Title (de)  
Automatische Garage für Wagen.

Title (fr)  
Garage automatique pour voitures.

Publication  
**EP 0445080 A2 19910904 (EN)**

Application  
**EP 91830027 A 19910130**

Priority  
• IT 511390 A 19900131  
• IT 511890 A 19900220  
• IT 521390 A 19901002

Abstract (en)  
The object of the present invention consists in a novel system and the novel means which are necessary for obtaining the same, this being suitable for moving and ensiling cars into automatized modular parkings, underground or in a raised position or the mixed type. Said means realize the necessary functions through various lifting means (11,12), through pallets (1), supports (8) and horizontal slide columns (18), through hydraulic or mechanical driving devices (4,5) and also through members that make it possible to use particular closing means and means (21,22) which are capable of protecting first of all the safety of users of said parkings and then the safety of cars that are ensiled in said parkings, and the means which are capable of allowing the entrance movements in narrow spaces to be performed where entrance ramps or multiple entrances cannot be realized.  
<IMAGE>

IPC 1-7  
**E04H 6/22**

IPC 8 full level  
**E04H 6/22** (2006.01)

CPC (source: EP)  
**E04H 6/225** (2013.01)

Cited by  
US5868540A; EP0742328A1; CN104343267A; DE4225527C2; EP0807590A1; CN113585838A; CN108266017A; CN109854025A; CN110094087A

Designated contracting state (EPC)  
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**EP 91830027 A 19910130**; HU 34491 A 19910131; MC 2168 A 19910131