

Title (en)  
Parking device for motor vehicles.

Title (de)  
Abstellvorrichtung für Kraftfahrzeuge.

Title (fr)  
Appareil pour garer des automobiles.

Publication  
**EP 0071860 A1 19830216 (DE)**

Application  
**EP 82106726 A 19820724**

Priority  
DE 3130823 A 19810804

Abstract (en)  
1. A parking device for motor vehicles, having two platforms (8, 9) one above the other, which form useable parking places in all operating positions for the vehicles, whereby a common drive-in entrance (15) is aligned with one or the other platforms selectively through tilting and lifting or lowering of both platforms, there being provided a lifting and tilting device for the platforms, basically comprising a rail system with curved tracks (1, 2, 3) for rollers (4, 5, 6), laterally positioned with respect to the parking places and situated between the platforms and the stationary supports (10), and a lifting drive (14) extending over the length of the rail system, characterised in that the rail system has a plurality of tracks (1, 2, 3) of which two (1, 3; 2) have differing centres of curvature and work in conjunction with associated rollers (4, 5, 6) respectively.

Abstract (de)  
Bei der Abstellvorrichtung für Kraftfahrzeuge mit zwei Plattformen (8, 9) wird für die Hub- und Neigungsbewegung der Plattformen eine Schienenanordnung mit gekrümmten Bahnen (1, 2, 3) verwendet, in die Rollen (4, 5, 6) eingreifen. Die Bahnen sind an einem gemeinsamen Bauteil (7) so angeordnet daß sie nebeneinander verlaufen. Insbesondere besitzen die Bahnen unterschiedliche Krümmungen. Das gemeinsame Bauteil (7) kann als Gußteil gestaltet sein.

IPC 1-7  
**E04H 6/06**

IPC 8 full level  
**E04H 6/06** (2006.01)

CPC (source: EP)  
**E04H 6/065** (2013.01)

Citation (search report)  
• [A] FR 2233473 A1 19750110 - MATSURA TAKASHI [JP]  
• [A] GB 903307 A 19620815 - HERMANN STOLL  
• [A] US 3387722 A 19680611 - FISHER SR JAMES O, et al  
• [AD] DE 2913661 A1 19801016 - KASPAR KLAUS

Designated contracting state (EPC)  
AT BE CH FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0071860 A1 19830216; EP 0071860 B1 19851211**; AT E16950 T1 19851215; DE 3130823 A1 19830224; DE 3130823 C2 19930826; JP H0235812 B2 19900814; JP S5829972 A 19830222

DOCDB simple family (application)  
**EP 82106726 A 19820724**; AT 82106726 T 19820724; DE 3130823 A 19810804; JP 13482282 A 19820803