

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)
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• [A] GB 903307 A 19620815 - HERMANN STOLL
• [A] US 3387722 A 19680611 - FISHER SR JAMES O, et al
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Designated contracting state (EPC)
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