

Title (en)
MECHANICAL PARKING ARRANGEMENT

Title (de)
MECHANISCHE PARKEINRICHTUNG

Title (fr)
INSTALLATION MECANIQUE DE STATIONNEMENT

Publication
EP 0688388 B1 19990210 (DE)

Application
EP 94911151 A 19940310

Priority
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Abstract (en)
[origin: US5593266A] A mechanical parking arrangement comprises at least two parking spaces. A platform (10) for at least one vehicle may be moved by a driving arrangement, is located in the parking position above at least one underlying vehicle parking space (6) and may be lowered down to a loading position (B) in which it is substantially on a level with the access path (5). On each longitudinal side of the parking arrangement is provided a guiding rail (4) which extends over a substantial part of the length of the parking arrangement, above the underlying parking space (6) and upon which is guided a front supporting element for the platform (10). Rear supporting elements are further provided upon which the platform (10) is supported in its parking position and during a first part of its descent. The guiding rails (4) at the rear end of the underlying parking space (6) substantially begin at the level of the access path (5). The platform (10) has wheels in the area of its rear end. During the second part of the platform descent, the wheels (19) lie on the access path, discharging the rear supporting elements. In its loading position, the platform (10) takes a substantially horizontal position.

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