

ABSTRACT**PARKING FACILITY**

The invention relates to an automated parking facility (10; 110; 130) for motor vehicles (30), said parking facility (10; 110; 130) being made up of grids and comprising at least two storage grids (20, 24, 28) and at least two transport grids (22, 26), wherein motor vehicles (30) are movable along a first direction of movement in each of the transport grids (22, 26) by a transport device (40, 42; 132) and wherein storage-grid storage locations (32) for storing motor vehicles (30) positioned on storage devices (60; 142) exist in the storage grids (20, 24, 28), which storage devices (60; 142) are associated with the storage-grid storage locations (32), and wherein the storage devices (60; 142) are movable from the respective storage-grid storage locations (32) into at least one transport grid (22, 26) in a second direction of movement oriented transversely to the first direction of movement and vice versa, in which transport grid (22, 26) motor vehicles (30) are transferable from the respective transport device (40, 42; 132) to the respective storage device (60; 142) and vice versa by mutual passing. In order to improve such a parking facility in such a way that an increased number of motor vehicles can be stored therein, the invention proposes that the number of storage devices (60; 142) be greater than the number of the storage-grid storage locations (32) and that the excess storage devices (60; 142) be associated with transport-grid storage locations (34) existing in the transport grids (22, 26).

FIG. 1