Title (en)
   PARKING FACILITY

Title (de)
   PARKANLAGE

Title (fr)
   INSTALLATION DE STATIONNEMENT

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Application
   EP 12700119 A 20120110

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Abstract (en)
   [origin: WO2012095409A1] The invention relates to an automatic parking facility (10; 110; 130) for motor vehicles (30), said parking facility being constructed from grids and comprising at least two storage grids (20, 24, 28) and at least two transporting grids (22, 26), wherein motor vehicles (30) can be moved in a first direction of motion in each of the transporting grids (22, 26) by means of a transporting device (40, 42; 132) and storage-grid storage places (32) for storing motor vehicles (30) positioned on storage devices (60; 142) are present in the storage grids (20, 24, 28), the storage devices (60; 142) being associated with the storage-grid storage places (32), and wherein the storage devices (60; 142) can be moved from the respective storage-grid storage places (32) into at least one transporting grid (22, 26) in a second direction of motion perpendicular to the first direction of motion and vice versa, in that motor vehicles (30) can be transferred from the respective transporting device (40, 42; 32) to the respective storage device (60; 142) and vice versa by means of mutual passing. In order to develop such a parking facility in such a way that a large number of motor vehicles can be stored, the number of storage devices (60; 142) is greater than the number of storage-grid storage places (32) and the excess storage devices (60; 142) are associated with transporting-grid storage places (34) present in the transporting grids (22, 26).

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Citation (search report)
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Cited by
   WO2019115556A1; US11542718B2; EP3517709A1; US10766698B2; US11161688B2

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