

Title (en)

Automatically operable parking plant for motor vehicles.

Title (de)

Automatisierbare Autoparkanlage.

Title (fr)

Installation qui peut être automatisée de parage de véhicules.

Publication

EP 0475912 A1 19920318 (EN)

Application

EP 91830328 A 19910724

Priority

IT 4821490 A 19900807

Abstract (en)

The parking plant comprises a plurality of parking places, each of which is provided with a pair of transporting parallel bands (5b), and means for putting a motor vehicle on said transporting bands. Said means comprise a rotatable translating platform (15), provided with a similar pair of transporting parallel bands (23) and with an actuating device (25) for setting the bands into motion. The plant comprises also a loading platform (7), movable in a vertical direction, which is also rotatable and comprises a pair of transporting parallel bands (9); on these bands (9) a motor vehicle can be putted while entering or leaving. Means (27, 19, 33) are also included for displacing the translating platform (15) so as to bring it to a loading / unloading position in which its transporting bands (23) are aligned with the transporting bands (3b, 9) of one of the parking places or of the loading platform, and means (29) are provided for transmitting the motion of the transporting bands (23) of the translating platform (15) to the adjacent transporting bands (5b, 9) of a parking place or of the loading platform (7) as the translating platform (15) is located in the relative loading / unloading position, and precisely, in such a way that the direction of motion is the same for both pairs of bands. The plant can be provided with means and devices for the automatic and programmed execution of all parking operations. <IMAGE>

IPC 1-7

E04H 6/18; **E04H 6/28**

IPC 8 full level

E04H 6/18 (2006.01); **E04H 6/28** (2006.01)

CPC (source: EP)

E04H 6/182 (2013.01); **E04H 6/28** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0475912 A1 19920318; **EP 0475912 B1 19950607**; AT E123552 T1 19950615; DE 69110223 D1 19950713; DE 69110223 T2 19951221; IT 1247704 B 19941230; IT 9048214 A0 19900807; IT 9048214 A1 19920207

DOCDB simple family (application)

EP 91830328 A 19910724; AT 91830328 T 19910724; DE 69110223 T 19910724; IT 4821490 A 19900807