

Title (en)
AUTOMOBILE PARKING DEVICE

Publication
EP 0505808 A3 19930210 (DE)

Application
EP 92103981 A 19920309

Priority
DE 4109616 A 19910323

Abstract (en)
[origin: EP0505808A2] An automobile parking facility (PH) possesses a plurality of rows (BR, BR1) of parking boxes (B) which are arranged next to one another and above one another in a plurality of storeys and to which the automobiles to be parked are automatically conveyed to the individual boxes via lifting mechanisms (G, P, PL and G1, P1, PL1) movable linearly on rails (S, S1). In this arrangement, the lifting mechanisms consist of a base frame (G and G1) carrying the running wheels (R) and having a respective portal (P and P1) mounted thereon, a respective stage or platform (PL and PL1) liftable and lowerable by motor and intended for receiving and transporting the automobile pallets (F-FN) being arranged on said portal, which stage or platform is capable of moving telescopically beyond the free end (G') of the respective portal (P and P1) as far as the plane of the storage or buffer zone (PZ, PZ'). <IMAGE>

IPC 1-7
E04H 6/22

IPC 8 full level
E04H 6/18 (2006.01); **B65G 1/00** (2006.01); **E04H 6/22** (2006.01); **E04H 6/42** (2006.01)

CPC (source: EP)
E04H 6/225 (2013.01)

Citation (search report)
• [YD] US 3079015 A 19630226 - SINCLAIR RICHARD L, et al
• [Y] US 3125235 A 19640317
• [A] DE 3512643 A1 19861009 - MAGEBA SA [CH]

Cited by
CN100386720C; US8011870B2; DE102016217632A1; CN111335695A; NL1022769C2; US5573364A; DE102016217632B4; WO2004074602A1; WO9723697A1; WO9419566A1; WO0065176A1

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