

Title (en)
Automatic silo for automobiles.

Title (de)
Automatische Parkgarage.

Title (fr)
Garage automatique.

Publication
EP 0275004 A1 19880720 (EN)

Application
EP 88100019 A 19880104

Priority

- IT 330287 A 19870107
- IT 333987 A 19870204
- IT 338487 A 19870311
- IT 354187 A 19870701

Abstract (en)
The invention relates to a silo for automobiles, made of steel or reinforced concrete, provided with superposed, side-by-side, mutually opposite and facing compartments (14) into which the automobiles are ensiled by means of a robot carriage (5) comprising telescopic, bilateral combs (22) adapted to penetrate both the combs (15) arranged at the bottom of each compartment (14) and constituting the supporting base for the ensiled automobiles, and the combs (48-49-60) of the loading and unloading platforms (42) existing in the silo. The motion of the robot carriage is effected by a transelevator (44) running on rails (20-77), which has no capstans or counterweights on board and, therefore, is light, particularly rapid and reliable, and which effects all the horizontal, vertical or coordinate displacements required for a rapid and reliable parking of automobiles.

IPC 1-7
E04H 6/24

IPC 8 full level
E04H 6/18 (2006.01)

CPC (source: EP)
E04H 6/186 (2013.01)

Citation (search report)

- [X] DE 1068882 B
- [A] DE 1937994 A1 19710429 - MOTOPARKS LTD
- [A] US 3497087 A 19700224 - VITA LAWRENCE

Cited by
GB2251610A; KR20190041139A; FR2645572A1; US5109642A; GB2234743A; GB2234743B; EP0504750A3; DE4225734A1; JP2019157386A; CN106968491A; CN115303385A; FR2666108A1; TR26480A; CN112627607A; CN114753688A; WO9411598A1; WO9527112A1; EP1035069A2; WO9306322A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR LI LU NL SE

DOCDB simple family (publication)
EP 0275004 A1 19880720; EP 0275004 B1 19910814; DE 3864148 D1 19910919

DOCDB simple family (application)
EP 88100019 A 19880104; DE 3864148 T 19880104