

Title (en)
Automated parking with mobile platforms

Title (de)
Automatisierte Parkanlage mit mobilen Plattformen

Title (fr)
Parking automatique avec les plates-formes mobiles

Publication
EP 2537998 A1 20121226 (EN)

Application
EP 12172543 A 20120619

Priority
IT MI20111123 A 20110621

Abstract (en)
An automated car park for housing in an orderly manner a plurality of motor vehicles comprises mobile platforms (12) for housing the motor vehicles. The platforms are movable between a storage area (13, 113) and at least one zone (14, 114) for entry/exit of the motor vehicles. The storage area is a horizontal area housing the platforms (23) arranged alongside each other in a group in two perpendicular directions, and motorized means (17, 25) for the guided movement of the platforms in said two perpendicular directions are provided in order to be able to perform, when operated, coordinated translatory movements of the platforms so as to displace a selected platform between a rest position in the storage area (13, 113) and the entry/exit zone (14,114).

IPC 8 full level
E04H 6/22 (2006.01); **E04H 6/24** (2006.01); **E04H 6/28** (2006.01); **E04H 6/34** (2006.01); **E04H 6/36** (2006.01); **E04H 6/40** (2006.01)

CPC (source: EP)
E04H 6/24 (2013.01); **E04H 6/36** (2013.01)

Citation (search report)
• [A] US 2005207876 A1 20050922 - SPRINGWATER RICHARD [US]
• [A] WO 2006038069 A2 20060413 - FRUSSO RICARDO DANIEL [AR], et al

Cited by
EP3495588A1; CN109653579A; CN110805339A; CN104265025A; CN105000364A; JP2016180279A; CN108454737A; JP2016180280A; JP2016204884A; WO2017071222A1; US11639609B1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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EP 2537998 A1 20121226; EP 2537998 B1 20140528; ES 2494742 T3 20140916; IT MI20111123 A1 20121222

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EP 12172543 A 20120619; ES 12172543 T 20120619; IT MI20111123 A 20110621