

Title (en)

Multi-storey plant for automatic parking of vehicles

Title (de)

Mehrgeschossige Anlage für das automatische Parken von Fahrzeugen

Title (fr)

Installation à niveaux multiples pour le stationnement automatique de véhicules

Publication

EP 1772573 A1 20070411 (FR)

Application

EP 06301018 A 20061005

Priority

FR 0510216 A 20051006

Abstract (en)

The car park (1) consists of a framework (2) with a number of different levels (3a, 3b, 3c) accessed by a lift cage and a lengthwise conveyor alley (4) on each level with parking places (6) on each side of it. The framework is made from metal girders, with each level having a base constructed from horizontal girders, and the different levels separated by vertical upright girders. Transverse horizontal girders in the parking places act as guides for mobile loaders (5) with vehicle supporting platforms (7).

IPC 8 full level

E04H 6/24 (2006.01); **E04H 6/18** (2006.01)

CPC (source: EP)

E04H 6/183 (2013.01); **E04H 6/24** (2013.01)

Citation (search report)

- [A] WO 9309316 A1 19930513 - ERIKSSON SVEN TORD [SE], et al
- [A] US 2752051 A 19560626 - STRAHM ALLEN D, et al
- [A] US 4986714 A 19910122 - FERNSTROEM GOERAN [SE]

Cited by

CN105442886A; CN104912364A; CN109707200A; CN109372297A; CN107401297A; ES2323346A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1772573 A1 20070411; FR 2891854 A1 20070413; FR 2891854 B1 20071221

DOCDB simple family (application)

EP 06301018 A 20061005; FR 0510216 A 20051006