

Title (en)

Modular demountable and remountable parking system, including multi-storey

Title (de)

Modulares demontierbares und wieder aufbaubares Parksystem mit mehreren Stockwerken

Title (fr)

Système de parking modulaire démontable et remontable, incluant plusieurs étages

Publication

**EP 2093352 A1 20090826 (EN)**

Application

**EP 08101864 A 20080222**

Priority

EP 08101864 A 20080222

Abstract (en)

The modular demountable and remountable parking system for motor vehicles is composed of a determined number of modular structural units (10.1; 10.2) and adequate bracing elements (43, 44). Each modular structural unit comprises: a square or rectangular floor system including main steel beams (12, 14); four steel nodal elements (30.1; 30.2) on which the floor system rests at its four corners; four steel vertical support elements (18), at the top of which a nodal element (30.1; 30.2) is provided; and four steel bases (36). The joint between each base (36) and the lower end of the relative vertical support element (18) comprises a ball joint end (70). By providing a suitable type of node (30.2), multi-storey parking systems (100) can be obtained with the modular units (10.2).

IPC 8 full level

**E04H 6/10** (2006.01)

CPC (source: EP)

**E04H 6/10** (2013.01)

Citation (applicant)

- EP 0364414 B1 19920603
- EP 1165909 B1 20030702 - FAST PARK SIST S R L [IT]
- EP 1736616 A1 20061227 - MUSSINI DANIELE [IT]

Citation (search report)

- [DY] EP 1736616 A1 20061227 - MUSSINI DANIELE [IT]
- [Y] US 4416578 A 19831122 - BEHNCKE HAHNS-JUERGEN [DE]
- [Y] FR 2642784 A1 19900810 - MARTINEZ ALPHONSE [FR]
- [DA] EP 0364414 A1 19900418 - CENT PROGETTAZIONI COORDINATE [IT]

Cited by

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**EP 2093352 A1 20090826; EP 2093352 B1 20110119**; AT E496185 T1 20110215; DE 602008004619 D1 20110303

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