

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 B1 20110119 (EN)**

Application

**EP 08101864 A 20080222**

Priority

EP 08101864 A 20080222

Abstract (en)

[origin: EP2093352A1] 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)

Cited by

EP2700770A1; EP3767057A1; CN109629867A; US2008120925A1; US8434277B2; FR2994581A1; FR3098834A1; WO2011135546A2; WO2017074168A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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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