

Title (en)

Self-supported modular vehicle parking structure

Title (de)

Selbsttragende modulare Fahrzeuggaragenstruktur

Title (fr)

Structure de garage de véhicules auto-portante et modulaire

Publication

EP 1355020 A3 20040128 (EN)

Application

EP 02386007 A 20020527

Priority

GR 2002100176 A 20020410

Abstract (en)

[origin: EP1355020A2] The parking system consists of prefabricated parts (self-supported platform elements, columns, railings, sunroof, ramp, and escalated ladder), which are assembled easily and in short time on site. <??>The basic element of the parking system is the self-supported, prefabricated platform element, supported by columns which are based on the ground by base plates and by the use of special anchors without any requirement for foundation construction. <??>It is important to notice that at areas with low seismic activity these special anchors are not necessary. The easy transportation and assemblage of the parts of the system is a basic advantage. There is the ability of changing the layout quickly and easily in a way that no part is lost or thrown away. <IMAGE>

IPC 1-7

E04H 6/08

IPC 8 full level

E04H 6/10 (2006.01); **E04B 1/24** (2006.01)

CPC (source: EP)

E04H 6/10 (2013.01); **E04B 2001/2415** (2013.01); **E04B 2001/2454** (2013.01); **E04B 2001/2463** (2013.01); **E04B 2001/2466** (2013.01); **E04B 2001/2484** (2013.01)

Citation (search report)

- [A] FR 2642784 A1 19900810 - MARTINEZ ALPHONSE [FR]
- [A] EP 0364414 A1 19900418 - CENT PROGETTAZIONI COORDINATE [IT]

Cited by

JP2021124010A; IT202100006563A1; CN101967894A; ES2312289A1; WO2011135546A2; WO2022195642A1; WO2009127753A3

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1355020 A2 20031022; EP 1355020 A3 20040128; GR 1004047 B 20021112

DOCDB simple family (application)

EP 02386007 A 20020527; GR 2002100176 A 20020410