

Title (en)
A CAR PARK

Title (de)
PARKHAUS

Title (fr)
PARC DE STATIONNEMENT

Publication
EP 1578677 A1 20050928 (EN)

Application
EP 03769072 A 20031106

Priority

- AU 0301466 W 20031106
- AU 2002952497 A 20021106
- AU 2003903320 A 20030627

Abstract (en)
[origin: WO2004041684A1] A car park (or other storage facility), comprising: a plurality of annular parking levels (16); an outer structure (14) and a central core (12) for supporting the parking levels (16); and a hoisting mechanism; wherein each of the plurality of parking levels (16) comprises a plurality of parking compartments (24, 138) located between the outer structure (14) and the inner core (12), each of the levels is rotatable to bring a respective compartment (24, 138) into alignment with the hoisting mechanism so that the respective compartment (24, 138) can be detached from the respective level and raised or lowered by the hoisting mechanism. In one embodiment, the plurality of annular parking levels (16) constitutes a first parking circuit and the car park includes at least one additional parking circuit comprising a further plurality of annular parking levels, wherein the first parking circuit and the additional parking circuit are coaxial.

IPC 1-7
B65G 1/00; B65G 1/06; E04H 6/16; E04H 6/22; E04H 6/24; E04H 6/28

IPC 8 full level
B65G 1/00 (2006.01); **B65G 1/06** (2006.01); **E04H 6/16** (2006.01); **E04H 6/22** (2006.01); **E04H 6/24** (2006.01); **E04H 6/28** (2006.01)

CPC (source: EP US)
E04H 6/28 (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004041684 A1 20040521; AU 2002952497 A0 20021121; AU 2010226961 A1 20101028; CA 2511429 A1 20040521;
CN 1735545 A 20060215; EP 1578677 A1 20050928; EP 1578677 A4 20090701; JP 2006505729 A 20060216; NZ 540533 A 20081224;
RU 2005117161 A 20060127; US 2006228196 A1 20061012

DOCDB simple family (application)
AU 0301466 W 20031106; AU 2002952497 A 20021106; AU 2010226961 A 20101005; CA 2511429 A 20031106; CN 200380108395 A 20031106;
EP 03769072 A 20031106; JP 2005502076 A 20031106; NZ 54053303 A 20031106; RU 2005117161 A 20031106; US 53393403 A 20031106