

A B S T R A C T

UNDERGROUND CAR PARK FOR ELECTRIC VEHICLES

5 An underground carpark (10) for electric vehicles
(V), the carpark comprising: a plurality of parking
places (32), each having an electrical power supply
device (34); a plurality of parking interfaces (40), each
10 parking interface being adapted to be electrically
connected to a vehicle (V) in such a manner as to co-
operate therewith to form a parking module (M); and
automatic means for moving each parking module (M)
between each at least one parking place and a user zone.
The carpark is configured in such a manner that when a
15 parking module (M) is on a parking place (32), the
parking interface (40) of said module (M) is
automatically electrically connected to the electrical
power supply device of the parking place; and further
comprises a system (82) for detecting the state of charge
20 of the vehicle (V) of each parking module (M).

Figure 1

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