

Title (en)  
IMMERSED DEVICE FOR PARKING VEHICLES

Publication  
**EP 0313761 B1 19910918 (DE)**

Application  
**EP 88114008 A 19880827**

Priority  
CH 417587 A 19871026

Abstract (en)  
[origin: EP0313761A1] To create parking facilities for vehicles, a parking arrangement which is of substantially hull-like design and can be mass-produced in a dockyard or the like is proposed. <??>The parking arrangement (50), preferably produced from steel or reinforced-concrete parts, is divided into three parking levels (A, B, C) and is designed as a large-volume container which can be lowered under the surface of the water at the intended location. The parking arrangement (50) can be levelled at a correspondingly predetermined depth by means of suitable lifting and lowering devices (25, 25` and 26, 26`) which bore substantially into the ground as the result of the dead weight and the additional weighting elements (70, 70`) and are arranged at the longitudinal sides. In the operating state, the lifting and lowering devices (25, 25` and 26, 26`) are controlled and activated by sensors, so that even in the event of any changes in position, for example as the result of varying loading, an exact levelling of the parking arrangement (50) is guaranteed. <??>The entrance and exit for vehicles and the entrance and exit for people from and to the parking arrangement (50), and to one of the parking levels (A, B, C), is via two tunnels (55, 60) which are arranged spaced apart from one another at the longitudinal side and are connected to the sea shore or river bank, are of tubular design and are flanged to the longitudinal side. <IMAGE>

IPC 1-7  
**E04H 6/08**; **E04H 6/10**

IPC 8 full level  
**E04H 6/08** (2006.01); **E04H 6/10** (2006.01)

CPC (source: EP US)  
**E04H 6/08** (2013.01 - EP US); **E04H 6/10** (2013.01 - EP US)

Cited by  
CN114459425A; US4954035A; WO2008092479A1

Designated contracting state (EPC)  
AT BE CH DE ES FR GB GR IT LI NL SE

DOCDB simple family (publication)  
**EP 0313761 A1 19890503**; **EP 0313761 B1 19910918**; AT E67552 T1 19911015; DE 3864975 D1 19911024; ES 2024602 B3 19920301; GR 3002759 T3 19930125; JP H01146074 A 19890608; JP H0557390 B2 19930823; US 4954035 A 19900904

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