

Title (en)

Prefabricated unit for the construction of immobile floating platforms.

Title (de)

Vorgefertigtes Element zum Bauen von unbeweglichen schwimmenden Plattformen.

Title (fr)

Unité de construction préfabriquée pour des plates-formes flottantes fixes.

Publication

EP 0173765 A2 19860312 (EN)

Application

EP 84113979 A 19841119

Priority

GR 840180311 A 19840907

Abstract (en)

A slab (6) is joined by means of pillars (2, 3, 4, 5) to the top of a buoy (1). The weight of the entire unit and the volume of the buoy (1) are such that the level of free-floating (7) of the unit is between the top and the bottom of the buoy (1). The height of the pillars (2, 3, 4, 5) is greater than the expected maximum height of waves in the region where the unit has been installed. The unit is anchored by means of ropes (12, 13, 14, 15) under tension so that it is kept submerged to a level (20) which is above the top of the buoy (1) and below the slab (6). At this position and for loads up to the difference of the buoyancy of the buoy minus the weight of the entire unit and minus the weight of the ropes (12, 13, 14, 15) the unit remains immobile despite the existence of waves or fluctuations of the load it is bearing.

IPC 1-7

B63B 35/44

IPC 8 full level

B63B 9/06 (2006.01); **B63B 35/44** (2006.01)

CPC (source: EP US)

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