

METHOD FOR CONSTRUCTING BUTTRESS-TYPE RETAINING WALL ON THE SEA USING BUOYANCY AND RETAINING WALL ASSEMBLY THEREFOR

Abstract of the Disclosure

Provided is a method for constructing a buttress-type retaining wall on the sea using buoyancy, the method including: preparing a buttress-type retaining wall, the buttress-type retaining wall including a base portion and a wall portion extending upward from the base portion and a plurality of support wing walls extending upward from the base portion, connected to the wall portion and sequentially arranged along a width direction of the wall portion; preparing a buoyancy tank, the buoyancy tank being coupled to the buttress-type retaining wall to be constructed and providing buoyancy; coupling the buttress-type retaining wall to be constructed to the buoyancy tank on the sea so as to form a retaining wall assembly; and transporting the retaining wall assembly to a construction site of the buttress-type retaining wall to be constructed on the sea, wherein, in the coupling the buoyancy tank is detachably coupled to the buttress-type retaining wall by a coupling unit.

Fig. 1