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(54) Title: LOADING AND UNLOADING OF SOLID SUBSTANCE HAVING HIGH DEGREE OF WATER CONTENT

(57) Abstract

A method for loading and unloading of solid substance (6) having high degree of water content of a bulk carrier (5) is disclosed. The bulk carrier (5) has one or more cargo holds (2) receiving the solid substance (6) and the solid substance (6) having such high degree of water content that a layer of liquid (7) is formed above the solid substance (6). The solid substance (6) is being discharged from each cargo hold (2) by means of a suitable pump (15) which is placed on a float (1) being freely moveable on the layer of liquid (7) in the cargo hold (2). The solid substance (6) and water are pumped out of the cargo hold (2) by a predetermined volumetric ratio and water is being fed into the cargo hold (2) by a volumetric rate which substantially correspond with the water rate that is being discharged. Further is a float (1) disclosed having a pump station (4) for use at loading and unloading of the bulk carrier (5) transporting the solid substance (6) with high degree of water content, said float (1) being adapted to placement in the cargo hold (2) together with the solid substance. The suction head (13) of the pump station (4) is able to be elevated or lowered in respect of the float (1).

