

Title (en)

Double sectioned tank in particular for ship's ballast and cargo.

Title (de)

Tank mit zwei Zellen, insbesondere Schiffstank für Ballast und Ladung.

Title (fr)

Réservoir à deux sections en particulier réservoir de navire pour ballast et cargaison.

Publication

**EP 0000612 A1 19790207 (EN)**

Application

**EP 78200116 A 19780724**

Priority

US 82070377 A 19770801

Abstract (en)

Double sectioned tank for ship's ballast and cargo that can be built into or placed in the cargo space of a ship (10) to contain ballast water or another liquid without cross-contamination with the cargo residues, i.e. allowing for the carriage of segregated ballast in the cargo space. Allowance is also made for double-bottom space (12) in the ship's loaded condition. A large part (16) of the top, or lid, or the special tank is movable in a vertical direction from the highest part of the tank to the lowest part of the tank and special machinery and safety devices are fitted to expedite this movement. A rubber or flexible fabric sheet (18), which is watertight, connects the moveable (16) and stationary part (66) of the tank top and divides the tank into an upper (14) and a lower section (12) between which there is no communication. The flexible sheet (18) is designed to take the internal contours of the inner tank when the cargo is loaded.

IPC 1-7

**B63B 11/04**; **B65D 87/16**

IPC 8 full level

**B65D 90/02** (2006.01); **B63B 11/04** (2006.01); **B63B 25/12** (2006.01); **B65D 88/62** (2006.01); **B65D 88/78** (2006.01)

CPC (source: EP US)

**B63B 11/04** (2013.01 - EP US); **B63B 25/12** (2013.01 - EP US); **B65D 88/62** (2013.01 - EP US)

Citation (search report)

- [D] US 3707937 A 19730102 - LILES H
- GB 856750 A 19601221 - HENRY ARTHUR JOHN SILLEY, et al
- FR 2106988 A5 19720505 - GLEYZAL HENRI
- [A] GB 1216333 A 19701216 - YAZDANI MOHAMED RUHOLAH YAZDAN
- [A] GB 719548 A 19541201 - DOUGLAS GEORGE UNTHANK, et al
- [A] DE 923052 C 19550203 - SCHLUETER & CO H

Cited by

CN108801388A; EP0111224A3; KR100515217B1; WO9411240A1

Designated contracting state (EPC)

BE DE FR GB NL SE

DOCDB simple family (publication)

**US 4117796 A 19781003**; DE 2861227 D1 19811210; EP 0000612 A1 19790207; EP 0000612 B1 19810930; JP S5426517 A 19790228; JP S627076 B2 19870214

DOCDB simple family (application)

**US 82070377 A 19770801**; DE 2861227 T 19780724; EP 78200116 A 19780724; JP 9323578 A 19780801