

Title (en)

Spill overflow prevention system for tanker vessels.

Title (de)

System zum Verhindern des Überlaufens bei Tankschiffen.

Title (fr)

Système pour pétroliers prévenant le débordement.

Publication

EP 0063191 A1 19821027 (EN)

Application

EP 81301781 A 19810422

Priority

EP 81301781 A 19810422

Abstract (en)

An improved spill overflow prevention system for tanker vessels (10) comprising a longitudinally disposed trunk line (18), branch lines (19) coupled at one end to the trunk line (18) and at the other end to the cargo compartments (14) of the vessel, valves (20) coupled to the branch lines intermediate the ends thereof for permitting the free flow of fluid chemical and petroleum products from the cargo compartments to the trunk line through the branch lines (19), and a retention tank (21) disposed in the vessel (10) and coupled to the trunk line (18) for receiving fluid chemical and petroleum products from the trunk line. Fluid chemical and petroleum products overflowing from the cargo compartments (14) of the vessel are directed from the compartments through the branch lines (19) and trunk line to the retention tank (21) thereby preventing overflow of the products externally of the compartments. The branch (19) and trunk (18) lines are dimensioned so as to prevent any overpressurization of the compartments during an overflow.

IPC 1-7

B63B 25/10

IPC 8 full level

B63B 25/10 (2006.01); **B63J 2/08** (2006.01)

CPC (source: EP)

B63B 25/10 (2013.01); **B63J 2/08** (2013.01)

Citation (search report)

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- GB 2041895 A 19800917 - CONWAY C S
- US 3628559 A 19711221 - BRANKO MARIANI

Cited by

EP1473249A3; GB2382070A

Designated contracting state (EPC)

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