

Title (en)  
SUBSEA STORAGE TANK

Title (de)  
UNTERWASSERSPEICHERTANK

Title (fr)  
RÉSERVOIR DE STOCKAGE SOUS-MARIN

Publication  
**EP 3653535 A1 20200520 (EN)**

Application  
**EP 18207090 A 20181119**

Priority  
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Abstract (en)  
The invention relates to a subsea storage tank (1) comprising a frame (2) and at least one container (3) for storing a liquid mounted in the frame (2), wherein the container (3) has a flexible wall, preferably a bellows (11A, 11B), comprising at least two liquid tight layers (20, 21, 22) and a space (25) between the layers (20, 21, 22). The space (25) is in liquid communication with a passive negative pressure generator (30) that is configured to maintain, at least during storage of a liquid in the container when the container is submerged, the pressure in the liquid in the space (25) below the pressure in the liquid in the container (3).

IPC 8 full level  
**B65D 88/78** (2006.01); **B65D 90/32** (2006.01); **B65D 90/501** (2019.01)

CPC (source: EP)  
**B65D 88/78** (2013.01); **B65D 90/32** (2013.01); **B65D 90/501** (2013.01)

Citation (applicant)  
• EP 3292055 A1 20180314 - SAFE MARINE TRANSFER LLC [US]  
• US 9540169 B1 20170110 - KROHN DANIEL A [US]  
• US 2011203379 A1 20110825 - VIRTANEN ESA [FI], et al  
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Citation (search report)  
• [AD] US 9540169 B1 20170110 - KROHN DANIEL A [US]  
• [A] WO 9523749 A1 19950908 - SILAS BARRETO DINIZ [BR]  
• [A] JP S49111210 A 19741023

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