

Title (en)
LIQUID DISPLACEMENT DEVICES

Title (de)
FLÜSSIGKEITSVERDRÄNGUNGSVORRICHTUNGEN

Title (fr)
DISPOSITIF DE DÉPLACEMENT DE LIQUIDES

Publication
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Application
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Abstract (en)
[origin: WO2011144894A1] A liquid displacement device (3,13,23,33,43,53,63,73) comprises one or multiple inflatable containers (3,13,23,233,338,336,43,53,63,66,67,73,74), and an attachment (4,14,24,34,45,55,65,66,75) for attaching the liquid displacement device to a liquid storage vessel (1) wherein, when inflated and attached to an inner surface (1 1) of the liquid storage vessel (1), the liquid displacement device displaces liquid in the liquid storage vessel. The one or more containers (3, 13,23,23a,33a,33b,43,53, 63,66,67,73,74) may reside entirely or partially below the surface (2) of the liquid within the liquid storage vessel (1). The attachment comprises a tether (66) or suction means (4,14,24,34,45,55,65,75) such as suction cups. The container comprises a single compartment (3,13,53,63), or multiple compartments (23,23a, 33a, 33b,43,66,67,73,74) connected such that gas can flow between them. The device may be a toy including a storage compartment (35,50,68).

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