

Title (en)

HOSE ARRANGEMENT FOR CREATING A BUBBLE CURTAIN IN WATER

Title (de)

SCHLAUCHANORDNUNG ZUM ERZEUGEN EINES BLASENSCHLEIERS IN GEWÄSSERN

Title (fr)

AGENCEMENT DE TUYAU PERMETTANT DE CRÉER UNE BARRIÈRE À BULLES DANS LES EAUX

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Application

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Priority

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Abstract (en)

[origin: US2023059977A1] The present invention relates to a hose arrangement (100) for creating a bubble curtain (BS) in bodies of water, comprising at least one air hose (4) including an interior space (4b) enclosed by a wall (4a), where a perforation (9) consisting of individual punctures (9a) is introduced in the wall (4a) at least in an upper, first circumferential area (B1), from which air can be discharged, when the interior space (4b) is pressurized, for creating a bubble curtain (BC) extending in the longitudinal direction (X) of the air hose (4), and a ballast receptacle (20) including a receiving area (8) extending in the longitudinal direction (X), in which an elongated ballast element (21) is received. The invention provides that the air hose (4) is jacketed by a support sheath (10) including material bars (10a) and intermediate openings (10b), the air hose (4) being connected in a connecting area (15) via the support sheath (10) to the ballast receptacle (20), and the openings (10b) being positioned at least in the first circumferential area (B1) of the air hose (4) so as to allow air to be discharged from the perforation (9) in the air hose (4).

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