



DEVICE FOR STIRRING AND AERATING A LIQUID AND
ELIMINATING
FOAM IN A TANK FOR TREATING SAID LIQUID

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ABSTRACT

Device for stirring and aerating a liquid and eliminating foam in a tank for treating the liquid. The device comprises a vertical sheath (11) extending in a part of the height of the tank (1), a funnel (14) disposed around the upper part of the sheath (11), a first series of ports (17) provided in the upper part of the sheath (11), a second series of ports (18) provided in the sheath (11) above the bottom of the funnel (14), a vertical shaft (19) disposed inside the sheath (11), a propeller (20) fixed to the free end of the shaft (19) below the bottom of the funnel (14), an anti-vortex element (24) disposed inside the sheath (11) below the propeller (20), means (25) for regulating the level of the liquid in the funnel (14) and means (33) for injecting a gas under pressure into the sheath (11).

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Fig. 1