

Title (en)  
DEVICE FOR MIXING GAS IN A LIQUID

Title (de)  
VORRICHTUNG ZUM MISCHEN VON GAS IN FLÜSSIGKEITEN

Title (fr)  
DISPOSITIF SERVANT A MELANGER UN GAZ DANS UN LIQUIDE

Publication  
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Application  
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Abstract (en)  
[origin: WO9732661A1] A device for adding a gas to a liquid, comprising an elongated housing (6) that is submersible in the liquid. The housing (6) has inlet openings (8, 9) for gas and liquid, respectively. An axle (4) situated in the housing (6) is, at its first end, connected to a motor (2), and at its second end is provided with a pump vane (5), wherein a mixture of gas and liquid is discharged in the vicinity of the pump vane (5). A gas tube (7) in the housing (6) communicates with the first inlet opening (8) for gas, and is provided with a nozzle (11) with openings (12). The nozzle (11) is situated in a venturi (13), and the gas tube (7) is controllable in the longitudinal direction, so that the position of the nozzle (11) in relation to the venturi (13) can be changed.

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