

Title (en)

A METHOD AND A SYSTEM FOR DISSOLVING GAS IN A LIQUID

Title (de)

VERFAHREN UND SYSTEM ZUR LÖSUNG VON GAS IN EINER FLÜSSIGKEIT

Title (fr)

PROCEDE ET SYSTEME POUR DISSOUDRE DU GAZ DANS UN LIQUIDE

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Application

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Abstract (en)

[origin: WO03022413A1] The present invention concerns a method for dissolving gas in a liquid and a system for doing the same. More specifically, the present invention concerns a flowing liquid into which gas is injected. The liquid flows in a pipe (10, 110) that has an injector (12, 112) attached to it for the supply for gas to the flow of liquid. The present invention may be used for oxygen enrichment of water and may be used in connection with fish farming or farming of other aquatic creatures. In particular, the invention may be used in connection with land-based fish farming. In connection with the dissolution of gas in liquid, the mixture is caused to flow via one or more turbulence-initiating elements (15, 115), thus achieving an approximately saturated molecular solution of gas in the liquid.

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Cited by

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