

Title (en)

DEVICE FOR INJECTING GAS INTO A LIQUID

Title (de)

VORRICHTUNG ZUR INJEKTION VON GAS IN EINE FLÜSSIGKEIT

Title (fr)

DISPOSITIF D'INJECTION D'UN GAZ DANS UN LIQUIDE

Publication

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Application

**EP 05739371 A 20050322**

Priority

- FR 2005050184 W 20050322
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Abstract (en)

[origin: WO2005099880A1] The invention concerns a device for stirring a liquid (L) in a reactor and for injecting a gas in said liquid, comprising a self-aspirating turbine (5) for producing a gas-liquid dispersion, an axial flow rotor (4) with axial flow for collecting said dispersion, and means for directing the gas-liquid dispersion towards said axial flow rotor (4) with axial flow. The invention is characterized in that said means comprise deflecting means (8) integrated in the self-aspirating turbine (5). The invention is applicable to the biological treatment of industrial effluents.

IPC 8 full level

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