

Title (en)

Device for introducing gas in fluids

Title (de)

Vorrichtung zum Begasen von Flüssigkeiten

Title (fr)

Dispositif pour introduire du gaz dans des fluides

Publication

EP 0546335 B1 19960214 (DE)

Application

EP 92119237 A 19921111

Priority

- DE 9207094 U 19920526
- US 80701291 A 19911209

Abstract (en)

[origin: EP0546335A1] The invention relates to a device for introducing gas into fluids, especially for aerating waste water, by means of a gas distributor (1) which can be arranged below the liquid level and can be connected to a gas supply device (2), has at least one membrane-like wall (6) made of a flexible material with a multiplicity of gas outlet orifices (7), and has a base body (3) around which the wall (6) is arranged essentially cylindrically with an essentially vertical central axis and delimits a chamber (4) in the base body (3), which chamber is connected to at least one gas supply duct (5) and encloses at least one fluid duct (9) which passes essentially vertically through the base body (3). <IMAGE>

IPC 1-7

B01F 3/04

IPC 8 full level

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Cited by

US6984329B2; WO0145869A3; US6436285B1; US6780329B2

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