

Title (en)

DEVICE FOR INTRODUCING A GAS INTO A LIQUID

Publication

EP 0198073 B1 19890927 (DE)

Application

EP 85905619 A 19851028

Priority

DE 3439464 A 19841027

Abstract (en)

[origin: WO8602577A1] A device is used to continuously introduce a gas into a liquid, in a flotation, deinking unit or the like. The liquid comes out of an endless ring passage (6) which is completely free of internal obstacles such as limiting walls or the like, and flows after absorbing the gas into a radial diffuser (14), wherefrom the gas bubble-enriched liquid comes out and flows into the treatment container of the plant. For this reason, a single gasification device centrally arranged close to the bottom of the container is sufficient for circular cross-section treatment bath. A swirling flow may be obtained by a deflection in the area of the diffuser or of the first chamber of liquid in the ring passage.

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EP 8500571 W 19851028; DE 3439464 A 19841027; DE 3573217 T 19851028; EP 85905619 A 19851028; JP 50523285 A 19851028; US 89202686 A 19860811