

Title (en)
Agitator.

Title (de)
Rührer.

Title (fr)
Agitateur.

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Application
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Abstract (en)
A turbine agitator assembly comprising a reservoir for liquid, a rotor mounted in the reservoir and with a plurality of radially extending blades (7), and means (14) for sparging a fluid into liquid in the reservoir, the fluid sparging means and the rotor being so constructed and arranged that, in use, the rotor blades (submerged in the liquid) and/or the liquid flow they generate disperse the sparged fluid, characterised in that each of the blades is hollow and has a discontinuous leading edge (10), only a single trailing edge (9) along an acute angle, no external concave surface and an open radially outer end.
Turbine agitator assembly for the dispersion of a fluid in a liquid comprises (a) a reservoir for liquid; (b) a rotor mounted in the reservoir with a number of radially extending blades; and (c) means for sparging a fluid into liquid liquid in the reservoir; in which (d) the fluid sparging means and the rotor being so constructed and arranged that the submerged rotor blades and/or the liquid flow they generate disperse the sparged fluid; such that (e) each of the blades is hollow and has a discontinuous leading edge, only a single trailing edge along an acute angle, no external concave surface and an open radially outer end.

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