

Title (en)
AGITATORS

Publication
EP 0234768 A3 19890426 (EN)

Application
EP 87300911 A 19870202

Priority
GB 8603904 A 19860217

Abstract (en)
[origin: EP0234768A2] 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.
[origin: EP0234768A2] 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 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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Citation (search report)
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• [A] US 4305673 A 19811215 - HERBST NORMAN R

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