

Title (en)
Gasing stirrer.

Title (de)
Begasungsrührer.

Title (fr)
Agitateur de gazage.

Publication
EP 0516921 B1 19950614 (DE)

Application
EP 92102519 A 19920214

Priority
DE 9106768 U 19910603

Abstract (en)
[origin: US5318360A] A gas dispersion stirrer comprises a rotatable hollow shaft and at least one circular hollow stirring member disposed thereon wherein the cavity in the stirring member communicates with the hollow shaft. The stirring member has aeration apertures disposed in an outer peripheral portion thereof. The stirring member has flow-inducing blades for radially directing the liquid from the hollow shaft toward the aeration apertures. The gas dispersion stirrer effectively aerates liquids and achieves an improvement in mass transfer.

IPC 1-7
B01F 3/04

IPC 8 full level
B01F 3/04 (2006.01); **B01F 7/00** (2006.01)

CPC (source: EP US)
B01F 23/2331 (2022.01 - EP US); **B01F 23/23311** (2022.01 - EP); **B01F 23/23314** (2022.01 - EP); **B01F 23/23354** (2022.01 - EP); **B01F 23/23311** (2022.01 - US); **B01F 23/23314** (2022.01 - US); **B01F 23/23354** (2022.01 - US); **B01F 27/1151** (2022.01 - EP US)

Cited by
CN107926732A; EP0754489A1; DE9316251U1

Designated contracting state (EPC)
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DOCDB simple family (publication)
US 5318360 A 19940607; AT E123664 T1 19950615; DE 59202500 D1 19950720; DE 9106768 U1 19910725; EP 0516921 A1 19921209; EP 0516921 B1 19950614

DOCDB simple family (application)
US 89208992 A 19920602; AT 92102519 T 19920214; DE 59202500 T 19920214; DE 9106768 U 19910603; EP 92102519 A 19920214