

Title (en)
STIRRER

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Application
EP 84113989 A 19841119

Priority
DE 3341960 A 19831121

Abstract (en)
[origin: US4565453A] The invention relates to an agitator for the agitation of liquid media, and more specially for use while completely submerged in the medium. The bearings and the coupling for the agitator shaft are placed in a downwardly opening gastrap, there being a gas cushion between the bearings and the coupling on the one hand and the medium to be agitated on the other hand in order to keep the medium clear of the bearings and the coupling and damaging same. The gas cushion may be replenished through a supply duct periodically or continuously.

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IPC 8 full level
B01F 7/18 (2006.01); **B01F 15/00** (2006.01)

CPC (source: EP US)
B01F 33/86 (2022.01 - EP US)

Citation (search report)

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- [X] DE 7043882 U 19710318
- [X] DE 629323 C 19360428 - HIMMELWERK AKT GES

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WO2008113547A1; US8459863B2; EP3271617B1

Designated contracting state (EPC)
AT BE CH FR GB IT LI LU NL SE

DOCDB simple family (publication)
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