

Title (en)
Rotatable propeller stirrer

Title (de)
Drehbare Propellerrührer

Title (fr)
Agitateur rotatif à hélice

Publication
EP 0577456 B1 19990113 (FR)

Application
EP 93401535 A 19930616

Priority
FR 9208010 A 19920630

Abstract (en)
[origin: EP0577456A1] Rotary propeller stirrers comprising a number of blades arranged approximately perpendicularly to the stirrer shaft. To reduce the magnitude of the radial currents generated by the rotation of the stirrer and to increase its efficiency, each blade has, in relation to a plane perpendicular to the stirrer axis (15), an inclination (a, b) which increases progressively or in stages from the leading edge (24) to the trailing edge (26) and the end of the blades (28, 30) is folded in the downstream direction, taking into account the direction of flow of the liquid moved by the blades. <IMAGE>

IPC 1-7
B01F 15/00

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

CPC (source: EP)
B01F 27/113 (2022.01)

Cited by
EP0664155A1; US6054563A; US6090926A; US10105663B2

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0577456 A1 19940105; EP 0577456 B1 19990113; AT E175588 T1 19990115; DE 69323004 D1 19990225; DE 69323004 T2 19990624; DK 0577456 T3 19990906; ES 2128399 T3 19990516; FR 2692809 A1 19931231; FR 2692809 B1 19941125

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