

Title (en)

Blade wheel with pivoting blades and method for the positioning of the blades

Title (de)

Schaufelrad mit drehbaren Schaufeln und Verfahren zur Stellung der Schaufeln

Title (fr)

Roue à palettes dotée de palettes rotatives et procédé de réglage des palettes

Publication

**EP 2305557 A3 20121219 (DE)**

Application

**EP 10401129 A 20100809**

Priority

DE 102009026382 A 20090814

Abstract (en)

[origin: EP2305557A2] The method involves bringing the paddles (1a-1f) in a position perpendicular to the water surface (WL) by a positioning device directly by immersing into the water. The paddles are engaged adjacent to a position with an angle (A) larger or equal to 90 degrees with respect to the water surface in drive direction. The actual angle results from flow conditions at the paddles. An independent claim is also included for a paddle wheel with an electric motor.

IPC 8 full level

**B63H 1/08** (2006.01)

CPC (source: EP)

**B63H 1/08** (2013.01)

Citation (search report)

- [XY] US 3126061 A 19640324
- [X] US 5195872 A 19930323 - MORGAN BRUCE S [US]
- [XD] DE 340898 C 19210921 - JOHANN GOLDMANN
- [Y] US 2004087224 A1 20040506 - HART DAVID PAUL [US]
- [A] DE 722084 C 19420630 - HERMANN HEINRICH

Cited by

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

**EP 2305557 A2 20110406; EP 2305557 A3 20121219**

DOCDB simple family (application)

**EP 10401129 A 20100809**