

Title (en)

Cycloidal propeller with double or multiple blading

Title (de)

Zykloidalsysteme mit Doppel- bzw. Mehrfach-Flügelssystemen

Title (fr)

Propulseur cycloidal avec système de pales double ou multiple

Publication

EP 0795466 B1 20010718 (DE)

Application

EP 97100987 A 19970123

Priority

DE 19610454 A 19960316

Abstract (en)

[origin: DE19610454A1] The propeller has a rotor body having impellers (2a,3a;2b,3b;2a,3a;2d,3d) pivotably supported on it and extending laterally to the drive direction. The impellers are arranged on defined impeller circular positions (a-d) of the impeller circle (9). The rotary axis of the rotor and the impeller pivot axes run parallel to each other and the displacement and pivoting movement of the impellers is achieved by an impeller kinematic rod driven by a central control bar. At least two impellers are provided parallel to each other on each impeller circular position.

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