

Title (en)  
Propeller assembly, in particular for watercraft

Title (de)  
Propelleranordnung, insbesondere für Wasserfahrzeuge

Title (fr)  
Agencement à hélice, notamment pour bateaux

Publication  
**EP 2594478 B1 20150624 (DE)**

Application  
**EP 12191460 A 20121106**

Priority  
DE 102011055515 A 20111118

Abstract (en)  
[origin: EP2594478A1] The arrangement (100) has a propeller (10) rotatable about a propeller axis (13). A rotor fin (30) is freely and rotatably arranged about a propeller axis, where diameter of a circular path described by rotation of the rotor fin is less than diameter of the propeller. The rotor fin is arranged on a propeller hub (11) of the propeller. A stator fin (20) is arranged on the propeller hub of the propeller and firmly connected to the hub. The stator fin is arranged offset in axial direction with respect to propeller blades (14) of the propeller.

IPC 8 full level  
**F01D 5/14** (2006.01); **B63H 1/28** (2006.01); **B63H 5/10** (2006.01)

CPC (source: EP KR US)  
**B63H 1/18** (2013.01 - KR); **B63H 1/28** (2013.01 - EP KR US); **B63H 5/10** (2013.01 - EP US); **F01D 5/14** (2013.01 - US);  
**B63H 2001/283** (2013.01 - EP US)

Cited by  
KR20190057375A; WO2017178061A1; WO2018065032A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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