

Title (en)  
Propeller having dismountable blades

Title (de)  
Propeller mit demontierbaren Blättern

Title (fr)  
Hélice avec pales démontables

Publication  
**EP 2532579 A1 20121212 (EN)**

Application  
**EP 12004358 A 20120608**

Priority  
TR 201105698 A 20110610

Abstract (en)  
A vessel propeller (1) comprising a cylindrical hub (2) rotatable about a rotation axis and a plurality of blades (3) provided radially around the hub (2) with a certain pitch angle. The propeller is characterized in that the hub (2) comprises a blade connection housing (4) helically formed on the cylindrical surface of the hub (2) for the demountable connection of each blade (3) to the hub; each blade (2) comprises a hub connector (5) to be placed in the respective connection housing (4); and plurality of external connecting members (6) extending axially along the hub thickness for rigidly connecting the hub (2) and plurality of blades (3).

IPC 8 full level  
**B63H 1/20** (2006.01)

CPC (source: EP)  
**B63H 1/20** (2013.01)

Citation (applicant)  
• US 4930987 A 19900605 - STAHL BRAD [US]  
• US 3764228 A 19731009 - SHOOK F  
• US 1122925 A 19141229 - HENRICHSEN AUGUST F [US]

Citation (search report)  
• [X] EP 0894708 A2 19990203 - FUERSTLICH HOHENZOLLERNSCHE WE [DE]  
• [A] FR 2184660 A1 19731228 - GEN SIGNAL CORP [US]  
• [A] DE 160524 C  
• [A] US 4150921 A 19790424 - EASTMAN MARK E [US], et al

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CN103482047A

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 RS SE SI SK SM TR

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