

Title (en)

PROPULSION ELEMENT FOR WATER-BORNE VESSELS PROPULSION ELEMENT FOR WATER-BORNE VESSELS

Publication

**EP 0271039 A3 19890614 (DE)**

Application

**EP 87118040 A 19871205**

Priority

DE 3642483 A 19861212

Abstract (en)

[origin: EP0271039A2] The propulsion element has propeller blades (3) which are fastened to a propulsion spindle projecting out of the hull, are orientated at a certain angle thereto and are surrounded by a cylindrical shell (4). The propulsion element is characterized in that, on the propulsion spindle (1) at a distance (L) from the propeller blades (3) in the direction of the propulsion engine, vanes (5) having an at least partly curved profile extend in a helical arrangement up to the propeller blades (3) into the interior of the cylindrical shell and are fastened thereto in such a way that the water flow or water quantity in front of the area of the propeller blades is positively directed to the inside essentially in the direction of the propulsion spindle (1) and the propeller blades (3). <IMAGE>

IPC 1-7

**B63H 1/16; B63H 1/14**

IPC 8 full level

**B63H 1/26** (2006.01)

CPC (source: EP)

**B63H 1/26** (2013.01)

Citation (search report)

- GB 371224 A 19320421 - WILLMAN IELVID MILLER
- DE 2903385 A1 19800731 - KOCH ALBERT ING GRAD
- AT 57606 B 19130210 - ENGLER JAROSLAV

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**EP 87118040 A 19871205**; DE 3642483 A 19861212; FI 875453 A 19871211; JP 31245587 A 19871211; NO 875179 A 19871211