

Title (en)  
Propeller pump with blade pitch adjustment

Title (de)  
Propellerpumpe mit Laufschaufelverstellung

Title (fr)  
Pompe à hélice avec réglage des pales

Publication  
**EP 0541046 B1 19960228 (DE)**

Application  
**EP 92118822 A 19921103**

Priority  
DE 9113713 U 19911104

Abstract (en)  
[origin: EP0541046A1] Propeller pump with blade pitch adjustment, whose adjustment apparatus [lacuna] by a threaded spindle (8), an adjustment nut (11) axially adjustable thereon which is provided with a slide bar (14, 15) and, via a guide bar bracket (13, 7) arranged in the propeller hub (1, 2), determines the position of the blades (4) [lacuna]. Reduced manufacturing effort, while maintaining the guidance and bearings quality, is achieved by the slide bar (14, 15) being arranged in the propeller hub (1, 2) and comprising guide rods (15) whose ends are retained at the cover and at the bottom flange of the propeller hub (1, 2). The rods (15) may be rifled and may interact with simple guide bores (14). <IMAGE>

IPC 1-7  
**F04D 15/00**

IPC 8 full level  
**F04D 15/00** (2006.01)

CPC (source: EP)  
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Cited by  
EP0960949A1; FR2779218A1; US6216358B1

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**DE 9113713 U1 19930304**; DE 59205468 D1 19960404; EP 0541046 A1 19930512; EP 0541046 B1 19960228

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