

Title (en)  
HYDROFOIL

Title (de)  
HYDROFOIL

Title (fr)  
HYDROFOIL

Publication  
**EP 3632786 A1 20200408 (EN)**

Application  
**EP 19198745 A 20190920**

Priority  
DE 102018124323 A 20181002

Abstract (en)  
A hydrofoil for a watercraft has at least one wing (6) and one connecting rod (4) for attaching the at least one wing (6) to a mast. A conically tapered projection (12) is provided on the connecting rod (4) and a conical recess (13) is provided on the wing (6) which engage in one another. The wedge angle ( $\alpha_{<sub>2</sub>}$ ) of the conical recess (13) is greater than the wedge angle ( $\alpha_{<sub>1</sub>}$ ) of the conically tapered projection (12) in order to allow angular adjustment between the connecting rod (4) and the wing (6). By means of a fixing device (20), the connecting rod (4) can be braced against a portion of the conical recess (13) and/or the wing (5, 6) can be braced against a portion of the conically tapered projection (12).

IPC 8 full level  
**B63B 1/24** (2020.01); **B63B 1/26** (2006.01)

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Citation (applicant)  
• EP 2907737 B1 20170412 - ELLERGON ANTRIEBSTECH GMBH [AT]  
• EP 2907737 A1 20150819 - ELLERGON ANTRIEBSTECH GMBH [AT]

Citation (search report)  
• [I] FR 3017363 A1 20150814 - SOCARBON [FR]  
• [I] FR 3049262 A1 20170929 - MOULIN OLIVIER PAUL MICHEL [FR]  
• [A] US 2015314837 A1 20151105 - SALLES RAPHAEL [FR]

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Designated extension state (EPC)  
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