

Title (en)  
BOAT

Title (de)  
BOOT

Title (fr)  
BATEAU

Publication  
**EP 4116180 A1 20230111 (EN)**

Application  
**EP 22183436 A 20220706**

Priority  
IT 202100017726 A 20210706

Abstract (en)  
Boat comprising a hull (2), at least two appendages (3), projecting from the hull (2) and intended to be immersed in water in order to generate a lift in navigation. Each appendage (3) comprises a support portion (31), mechanically connected to the hull (2), a hydrodynamic portion (32) which is extended along at least one main extension axis (X) and defines, at its own interior, at least one housing seat (S). The hydrodynamic portion (32) is rotatably connected to the support portion (31) around a first rotation axis (Z) substantially orthogonal to the main extension axis (X), and around a second rotation axis (Y) substantially orthogonal to the first rotation axis (Z) and to the main extension axis (X). The boat (1) also comprises propulsion means (4), housed at least partially within the housing seat (S) of the hydrodynamic portion (32), first movement means (5), placed in mechanical connection between the hydrodynamic portion (32) and the support portion (31) in order to rotate the hydrodynamic portion (32) around the first rotation axis (Z), and second movement means (6), placed in mechanical connection between the hydrodynamic portion (32) and the support portion (31) in order to rotate the hydrodynamic portion (32) around the second rotation axis (Y).

IPC 8 full level  
**B63B 1/22** (2006.01); **B63B 1/26** (2006.01); **B63B 1/28** (2006.01); **B63H 5/08** (2006.01); **B63H 21/38** (2006.01)

CPC (source: EP)  
**B63B 1/22** (2013.01); **B63B 1/26** (2013.01); **B63B 1/283** (2013.01); **B63B 1/285** (2013.01); **B63H 5/08** (2013.01); **B63H 21/383** (2013.01); **B63B 2001/207** (2013.01); **B63B 2001/209** (2013.01)

Citation (applicant)  
• FR 2451312 A1 19801010 - VERNIER GABRIEL  
• DE 10300599 A1 20040722 - SOMMER JOERG [DE]  
• US 4862820 A 19890905 - GUEZOU JEAN-PIERRE R [FR], et al  
• DE 102018127650 A1 20200507 - INNOGY SE [DE]  
• GB 785900 A 19571106 - FRIEDRICH HERMANN WENDEL

Citation (search report)  
• [X] FR 2451312 A1 19801010 - VERNIER GABRIEL  
• [I] DE 10300599 A1 20040722 - SOMMER JOERG [DE]  
• [I] DE 102018127650 A1 20200507 - INNOGY SE [DE]  
• [I] GB 785900 A 19571106 - FRIEDRICH HERMANN WENDEL

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