

Title (en)  
A SAIL RIG FOR WATER CRAFTS

Publication  
**EP 0075208 A3 19831130 (EN)**

Application  
**EP 82108322 A 19820909**

Priority  
IT 1262781 A 19810918

Abstract (en)  
[origin: EP0075208A2] The sail rig for water crafts comprises a mast (4) with the respective sail (5) and the boom (6). The mast (4) is articulated at an intermediate position along its length to the top end of a mast-supporting structure (7) consisting of a tubular mounting which is firmly fitted onto the framing of the hull (1) so as to lie on the craft center line, but so as to be cast astern. The joint (8) for articulating the mast (4) to the mounting (7) is a cylindrical joint with its axis of rotation extending longitudinally, more particularly extending in the direction parallel to the axis of boom (6). The mast may be thus caused to assume not only a position contained in a vertical plane passing through the boat center line, but also any desired inclined position about the said axis of rotation of the cylindrical joint (8), so as to attain the most favorable rake for the best point of sailing of the boat. Preferably, the angle of this rake will range from 35 DEG to 45 DEG on the one or the other side. The boom (6) is an arcuate, fork- or oval-shaped double boom of the so-called <<wishbone>> type as used in sailboards and at its apex it is articulated by means of joint (9), very simply made in form of a plain small link (21) fastened to an eye (20) provided on mast (4).

IPC 1-7  
**B63B 15/00**; **B63H 9/08**

IPC 8 full level  
**B63B 15/00** (2006.01); **B63H 9/08** (2006.01)

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**B63B 15/0083** (2013.01); **B63H 9/068** (2020.02); **B63H 9/08** (2013.01); **B63B 2015/0075** (2013.01)

Citation (search report)

- [X] DE 253470 C
- [X] DE 2843367 A1 19800424 - KREISEL PETER
- [X] FR 1423958 A 19660107
- [X] GB 1184914 A 19700318 - GALBERT ALBERT MARIE GABRIEL D [FR]
- [A] FR 2477097 A1 19810904 - DEMOINERIE ANDRE [FR]
- [A] GB 680553 A 19521008 - THOMAS GARNER JAMES
- [A] EP 0015875 A1 19800917 - HEMAN JOHANNES [CH], et al
- [A] US 1885247 A 19321101 - PHILLIPS FOX JOHN

Cited by  
US4537145A; CN102341302A; FR2618407A1; FR2577194A1; DE19751858A1; DE19751858B4; US4940008A; WO9625317A1; WO8502158A1

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