

Title (en)

Mast and sail structure for boats.

Title (de)

Bauart von Mast und Segel für Boote.

Title (fr)

Construction de mât et voile pour bateaux.

Publication

**EP 0191420 A1 19860820 (EN)**

Application

**EP 86101544 A 19860206**

Priority

- IT 1243385 A 19850215
- IT 1258085 A 19851009

Abstract (en)

A mast and sail structure for boats comprises battens (5) that are each housed in a respective pocket (6) of the sail (2) and are each associated to a collar (14) having an airfoil section, which is fitted on the mast (1) and 5 housed therewith in a respective pocket (3) of the sail (2). Each batten (5) penetrates into the collar (4) through a rear slot (7) of the same and it is at least horizontally pivotable about an axis substantially coinciding with said slot (7). The batten can bear against a transverse stabilization baffle (8) which is provided in the interior of the collar (4) and 5 preferably movable transversely to the mast (1).

IPC 1-7

**B63H 9/06**

IPC 8 full level

**B63B 35/79** (2006.01); **B63H 9/06** (2006.01)

CPC (source: EP)

**B63H 8/20** (2020.02); **B63H 9/065** (2020.02)

Citation (search report)

- [XP] WO 8504377 A1 19851010 - GAASTRA SAILS INT LTD [HK]
- [A] EP 0083432 A1 19830713 - LUCHT FRIEDRICH
- [X] PATENTS ABSTRACTS OF JAPAN, vol. 7, no. 153 (M-226) [1298], 5th July 1983; & JP - A - 58 61 093 (YAMAHA HATSUDOKI K.K.) 11-04-1983

Cited by

WO2011110178A1; EP0927682A3; GB2247220A; DE3640275A1; US5048440A; US6732670B2

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