

Title (en)  
MAST FOR SAILING VEHICLES

Publication  
**EP 0446654 B1 19930922 (DE)**

Application  
**EP 91102256 A 19910218**

Priority  
DE 4007951 A 19900313

Abstract (en)  
[origin: EP0446654A1] 2.1. Masts are known which consist of two profiles running parallel to one another at a distance apart. Masts of this type, however, are often not flexurally rigid enough in order to be used in particular for higher mast structures. The invention is intended to provide an especially flexurally rigid mast with an especially effective aerodynamic action. <??>2.2. It is proposed to design the two mast profiles in such a way that the opposite inner surfaces are of convex design, that is, they create a bulged intermediate space between them. If the luff of the sail is held as tightly as possible without bulging at the mast, the vessel can sail very close-hauled. <IMAGE>

IPC 1-7  
**B63B 15/00**; **B63H 9/10**

IPC 8 full level  
**B63B 15/00** (2006.01); **B63H 9/08** (2006.01); **B63H 9/10** (2006.01)

CPC (source: EP US)  
**B63B 15/0083** (2013.01 - EP US)

Designated contracting state (EPC)  
BE DE DK ES FR GB GR IT NL SE

DOCDB simple family (publication)  
**DE 4007951 C1 19910314**; AU 635395 B2 19930318; AU 7206091 A 19910919; DE 59100390 D1 19931028; DK 0446654 T3 19940221; EP 0446654 A1 19910918; EP 0446654 B1 19930922; ES 2045966 T3 19940116; FI 910994 A0 19910228; FI 910994 A 19920829; JP H04218486 A 19920810; NO 910980 D0 19910312; NO 910980 L 19910916; PT 96996 A 19930226; US 5131344 A 19920721; YU 44891 A 19950327

DOCDB simple family (application)  
**DE 4007951 A 19900313**; AU 7206091 A 19910304; DE 59100390 T 19910218; DK 91102256 T 19910218; EP 91102256 A 19910218; ES 91102256 T 19910218; FI 910994 A 19910228; JP 4486591 A 19910311; NO 910980 A 19910312; PT 9699691 A 19910311; US 66743191 A 19910311; YU 44891 A 19910313