

Title (en)
APPARATUS FOR ATTACHMENT OF A KEEL, AND ALSO AN ARRANGEMENT AND A SAILING BOAT COMPRISING THE APPARATUS

Title (de)
VORRICHTUNG ZUR BEFESTIGUNG EINES KIELS UND ANORDNUNG UND SEGELBOOT MIT DER VORRICHTUNG

Title (fr)
APPAREIL DE FIXATION D'UNE QUILLE, ET EGALEMENT ARRANGEMENT ET BATEAU A VOILE COMPORTANT L'APPAREIL

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Application
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Priority

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- SE 0600425 A 20060224

Abstract (en)
[origin: WO2007084061A1] The present invention relates to an attachment apparatus (2) for attachment of a keel (4) to a hull base (6) of a boat. The apparatus for attachment (2) comprises an elongated sheet-shaped element (10), extending in one propagation plane (P), on which the keel (4) is intended to be attached between the short ends (14, 16) of the elongated element. The sheet-shaped element (10) is arranged to be attached to the hull base (6) of the boat by means of front attachments (20) and by means of rear attachments (22) , and that the sheet-shaped element (10) is designed to elastically deflect from said propagation plane (P) when the element (10) is subjected to a torque around the attachment position (14) of the keel in a plane perpendicular (V) against said propagation plane (P) . The present invention also relates to an arrangement (8) respectively a sailboat comprising the attachment apparatus (2).

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Citation (search report)

- [A] FR 2771993 A1 19990611 - DUFOR AND SPARKS SA [FR]
- [A] FR 2822797 A1 20021004 - PHILIPPE BARON D [FR]
- [A] WO 0073130 A1 20001207 - LARSEN PER KRISTIAN [NO], et al
- [A] EP 1209072 A1 20020529 - HOBIE CAT EUROP SA [FR]
- [A] US 2004226500 A1 20041118 - STINSON ALAN [US]
- See also references of WO 2007084061A1

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