

Title (en)  
Releasable boat anchor.

Title (de)  
Entriegelbarer Bootsanker.

Title (fr)  
Ancre dégageable pour bateaux.

Publication  
**EP 0607491 A1 19940727 (DE)**

Application  
**EP 93106329 A 19930420**

Priority  
DE 4301088 A 19930117

Abstract (en)  
In a releasable boat anchor (1) having flukes (13) which are pivotably mounted in a housing (11) and can be locked in the anchor position by means of a latching member (31), the latching member (31) is constructed in the form of a bolt (32) which can be inserted between the ends of the flukes (13) and by means of which the flukes (13) can be locked positively, and for the purpose of releasing the lock by means of the anchor line the latching element (31) is coupled to the shaft (17) of the anchor (1) via an automatically resetting drive connection (41). Not only are the flukes (13) locked positively by means of this configuration, but their locking is also capable of being released in a short time with a low expenditure of force, so that said flukes can pivot in and the anchor can be weighed. <IMAGE>

Abstract (de)  
Bei einem entriegelbaren Bootsanker (1) mit in einem Gehäuse (11) verschwenkbar gelagerten Flunken (13), die mittels eines Riegelgliedes (31) in Ankerstellung arretierbar sind, ist das Riegelglied (31) in Form eines zwischen die Enden der Flunken (13) einführbaren Bolzens (32) ausgebildet, durch das die Flunken (13) formschlüssig verriegelbar sind, und zum Lösen der Arretierung mittels der Ankerleine ist das Riegelglied (31) über eine sich selbsttätig rückstellende Triebverbindung (41) mit dem Schaft (17) des Ankers (1) gekoppelt. Durch diese Ausgestaltung sind nicht nur die Flunken (13) formschlüssig verriegelt, sondern deren Verriegelung ist auch mit geringem Kraftaufwand und in kurzer Zeit zu lösen, so daß diese einschwenken können und der Anker gelichtet werden kann. <IMAGE>

IPC 1-7  
**B63B 21/24**

IPC 8 full level  
**B63B 21/24** (2006.01); **B63B 21/36** (2006.01)

CPC (source: EP)  
**B63B 21/243** (2013.01)

Citation (search report)

- [X] US 1782449 A 19301125 - WILLIAM SIEBERT
- [X] US 2985132 A 19610523 - DETRICK CHESTER M
- [X] US 3747553 A 19730724 - RIDDLE R
- [X] US 2874668 A 19590224 - BAILEY WILLIAM A
- [XY] US 2476348 A 19490719 - HAROLD ALVIK, et al
- [XY] US 4038934 A 19770802 - THOMSON GEORGE
- [A] US 3625175 A 19711207 - MANGEL LAVERNE E
- [A] US 3672321 A 19720627 - TUEL DONALD F
- [A] FR 1600191 A 19700720

Cited by  
CN105910590A; KR101636562B1; CN111547188A; CN102556284A; KR20190099864A; CN115367051A; FR2761334A1; WO2018043825A1

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

DOCDB simple family (publication)  
**DE 4301088 A1 19940721**; EP 0607491 A1 19940727

DOCDB simple family (application)  
**DE 4301088 A 19930117**; EP 93106329 A 19930420