

Title (en)

WATER VEHICLE WITH AN INFLATABLE STABILIZATION RING

Title (de)

WASSERFAHRZEUG MIT AUFBLASBAREM STABILISATIONSRING

Title (fr)

BATEAU A ANNEAU DE STABILISATION GONFLABLE

Publication

EP 1436191 A1 20040714 (DE)

Application

EP 01274581 A 20011012

Priority

DE 0103924 W 20011012

Abstract (en)

[origin: WO03035462A1] The invention relates to a water vehicle comprising a solid hull and a solid outer edge wall (5) above the waterline, and a recess (9) extending on a substantially horizontal plane wherein an elastically deformable safety element (11) is firmly arranged and is folded in a first operational state and is inflated in a second operational state by means of compressed gas from a compressed gas source (21). The invention is characterized in that at least one undercut projection (15) is formed in the recess on the outer edge wall and in that the safety element in a negative form with respect to the projection consists of at least one recess (11.1, 11.2), whereby the projection engages in a positive and non-positive fit into the recess.

IPC 1-7

B63B 43/14

IPC 8 full level

B63B 43/14 (2006.01)

CPC (source: EP US)

B63B 43/14 (2013.01 - EP US); **B63B 2043/145** (2013.01 - EP US)

Citation (search report)

See references of WO 03035462A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 03035462 A1 20030501; AT E364549 T1 20070715; CA 2479296 A1 20030501; CN 100418846 C 20080917; CN 1558852 A 20041229; DE 10196974 D2 20040819; DE 50112637 D1 20070726; DK 1436191 T3 20071015; EE 200400084 A 20040615; EP 1436191 A1 20040714; EP 1436191 B1 20070613; ES 2288912 T3 20080201; US 2004261685 A1 20041230; US 7069873 B2 20060704

DOCDB simple family (application)

DE 0103924 W 20011012; AT 01274581 T 20011012; CA 2479296 A 20011012; CN 01823792 A 20011012; DE 10196974 T 20011012; DE 50112637 T 20011012; DK 01274581 T 20011012; EE P200400084 A 20011012; EP 01274581 A 20011012; ES 01274581 T 20011012; US 49232404 A 20040629