

Title (en)
HULL ASSEMBLY FOR AN AQUATIC VESSEL AND HIGH SPEED CATAMARAN VESSEL

Title (de)
RUMPFBSAUANORDUNG FÜR EINE WASSERFAHRZEUG UND EINEN HOCHGESCHWINDIGKEITSKATAMARAN

Title (fr)
ENSEMBLE DE COQUE POUR NAVIRE FLOTTANT ET CATAMARAN A GRANDE VITESSE

Publication
EP 1470039 B1 20070124 (EN)

Application
EP 01980077 A 20011016

Priority
CA 0101459 W 20011016

Abstract (en)
[origin: WO03033336A1] The present invention is concerned with a hull assembly for an aquatic vessel, and particularly with a catamaran vessel provided with the hull assembly. The hull assembly has a plurality of flexible modular containers units. Each of the container units is connected together to form an outer shell structure with an inner hollow section. Each of the container units has an opening facing the inner hollow section. A plurality of inflatable bags are housed within each container unit. Each of the inflatable bags has an inlet for injecting a gas into each of the inflatable bags so as to provide rigidity to each of the container units. The hull also has an inner keel connecting the hull sections together within the inner hollow section along a longitudinal axis of the hull. The inner keel is provided with openings in registration with each opening of the container unit. An outer skin coat covers the container units and the inner keel.

IPC 8 full level
B63B 3/02 (2006.01); **B63B 1/14** (2006.01); **B63B 3/04** (2006.01); **B63B 5/24** (2006.01); **B63B 7/08** (2006.01); **B63B 9/06** (2006.01); **B63H 5/125** (2006.01)

CPC (source: EP US)
B63B 1/14 (2013.01 - EP US); **B63B 3/04** (2013.01 - EP); **B63B 7/082** (2013.01 - EP US); **B63B 73/20** (2020.01 - EP US); **B63B 73/46** (2020.01 - EP US); **B63H 5/125** (2013.01 - EP); **B63B 2231/52** (2013.01 - EP); **B63H 2023/0216** (2013.01 - EP)

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 03033336 A1 20030424; AT E352483 T1 20070215; CA 2503004 A1 20030424; DE 60126364 D1 20070315; EP 1470039 A1 20041027; EP 1470039 B1 20070124

DOCDB simple family (application)
CA 0101459 W 20011016; AT 01980077 T 20011016; CA 2503004 A 20011016; DE 60126364 T 20011016; EP 01980077 A 20011016