

Title (en)  
Self-righting, inflatable liferaft

Title (de)  
Kentersichere, aufblasbare Rettungsinsel

Title (fr)  
Radeau de sauvetage gonflable, autoreddressable

Publication  
**EP 0849163 B1 20020116 (FR)**

Application  
**EP 97403038 A 19971215**

Priority  
FR 9615563 A 19961218

Abstract (en)  
[origin: EP0849163A1] The life raft comprises a base (3), a surround (2) made from at least one inflatable tube, and at least two parallel vertical inflatable arches (4). Each arch has a reserve chamber (8) of gas on the outside at an angle corresponding to approximately 30-60 degrees above the horizontal, with the assembly formed by the arch and reserve chamber being asymmetrical relative to the vertical median plane of the raft. Along the side which has the reserve chambers the raft also has one or more weights (6,7) which can be used as storage containers for inflation equipment, armaments or survival materials. The arches are made from a number of straight sections in a polygonal shape and can be equipped with a cover forming a shelter for survivors.

IPC 1-7  
**B63C 9/04**; **B63B 43/14**

IPC 8 full level  
**B63B 43/14** (2006.01); **B63C 9/04** (2006.01)

CPC (source: EP US)  
**B63B 43/14** (2013.01 - EP US); **B63C 9/04** (2013.01 - EP US); **B63C 2009/023** (2013.01 - EP US); **B63C 2009/042** (2013.01 - EP US); **B63C 2009/044** (2013.01 - EP US)

Cited by  
CN107399415A; CN107416152A; CN107416151A; CN107416150A; WO2009080045A2; WO2009080044A3; WO2009080045A3

Designated contracting state (EPC)  
DE DK GB

DOCDB simple family (publication)  
**EP 0849163 A1 19980624**; **EP 0849163 B1 20020116**; CA 2225781 A1 19980618; CA 2225781 C 20010501; DE 69709616 D1 20020221; DE 69709616 T2 20020912; DK 0849163 T3 20020506; FR 2757130 A1 19980619; FR 2757130 B1 19990212; US 5927228 A 19990727

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