

Title (en)  
SHIP WITH A PROTECTION SYSTEM MAKING IT UNSINKABLE

Title (de)  
WASSERFAHRZEUG MIT UNSINKBARKEITSSICHERUNG

Title (fr)  
BATEAU POURVU D'UN SYSTEME GARANTISSANT SON INSUBMERSIBILITE

Publication  
**EP 1104384 A2 20010606 (DE)**

Application  
**EP 99915473 A 19990211**

Priority  
• DE 9900381 W 19990211  
• DE 19812430 A 19980321  
• DE 19820895 A 19980509

Abstract (en)  
[origin: US6327988B1] A watercraft, e.g. a passenger vessel, a ferry, a hazardous-substance freighter or the like, with a deck and with a buoyancy chamber in the deck, it being the case that, in a first operating state, the buoyancy chamber contains air, is characterized in that, in a second operating state, the buoyancy chamber is filled with a foam which has a high cell volume with closed cells and a dimensionally stable state of aggregation.

IPC 1-7  
**B63B 1/00**

IPC 8 full level  
**B63B 43/12** (2006.01)

CPC (source: EP US)  
**B63B 43/12** (2013.01 - EP US); **B63B 2231/50** (2013.01 - EP US)

Citation (search report)  
See references of WO 9948751A2

Cited by  
EP2540612A1; WO2013026442A3

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**US 6327988 B1 20011211**; AT E253489 T1 20031115; AU 3406699 A 19991018; BR 9908995 A 20010403; CA 2325465 A1 19990930; CA 2325465 C 20090526; CN 1293634 A 20010502; EE 200000607 A 20020415; EP 1104384 A2 20010606; EP 1104384 B1 20031105; IL 138531 A0 20011031; IS 5631 A 20000920; JP 2002507521 A 20020312; MX PA00009610 A 20050217; NO 20004725 D0 20000921; NO 20004725 L 20001120; NZ 507636 A 20021025; PL 200704 B1 20090130; PL 343561 A1 20010827; TR 200002705 T2 20001221; WO 9948751 A2 19990930; WO 9948751 A3 19991209

DOCDB simple family (application)  
**US 64674301 A 20010212**; AT 99915473 T 19990211; AU 3406699 A 19990211; BR 9908995 A 19990211; CA 2325465 A 19990211; CN 99804205 A 19990211; DE 9900381 W 19990211; EE P200000607 A 19990211; EP 99915473 A 19990211; IL 13853199 A 19990211; IS 5631 A 20000920; JP 2000537757 A 19990211; MX PA00009610 A 19990211; NO 20004725 A 20000921; NZ 50763699 A 19990211; PL 34356199 A 19990211; TR 200002705 T 19990211