

Title (en)
UNDERWATER ACTIVATED LIFE JACKET INFLATION SYSTEM

Title (de)
UNTER WASSER AKTIVIERTES RETTUNGSJACKEN-AUFBLASSYSTEM

Title (fr)
SYSTÈME DE GONFLAGE DE GILET DE SAUVETAGE ACTIVÉ SOUS L'EAU

Publication
EP 2563648 A4 20131002 (EN)

Application
EP 11775388 A 20110426

Priority

- SG 2010029353 A 20100426
- SG 2011000163 W 20110426

Abstract (en)
[origin: WO2011136742A1] An automatic inflation system for a life jacket which works with an "off the shelf" inflation system (E), comprising an electronic depth sensor (100) configured to activate at a preset depth programmable by the user, opening an internal valve to release water from a stored water reservoir which enters the "off the shelf" inflation system (E), firing the gas cylinder (B) and inflating the life jacket (D).

IPC 8 full level
B63C 9/18 (2006.01); **B63C 9/125** (2006.01)

CPC (source: EP US)
B63C 9/18 (2013.01 - EP US); **B63C 9/24** (2013.01 - EP US); **B63C 2009/0052** (2013.01 - EP US)

Citation (search report)

- [X] WO 2010036207 A1 20100401 - NANYANG POLYTECHNIC [SG], et al
- [X] US 6368174 B1 20020409 - MAGEE TERENCE [US]
- [X] US 2004127118 A1 20040701 - SIMMONS IVAN [US]
- [X] US 5605482 A 19970225 - CHOY FUK C A [CA]
- See references of WO 2011136742A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2011136742 A1 20111103; EP 2563648 A1 20130306; EP 2563648 A4 20131002; SG 175471 A1 20111128; SG 185452 A1 20121228; US 2013109260 A1 20130502

DOCDB simple family (application)
SG 2011000163 W 20110426; EP 11775388 A 20110426; SG 2010029353 A 20100426; SG 2012081915 A 20110426; US 201113643564 A 20110426