

Title (en)
INFLATABLE KAYAK

Title (de)
AUFBLASBARES KAJAK

Title (fr)
KAYAK GONFLABLE

Publication
EP 3124373 A4 20171122 (EN)

Application
EP 14887101 A 20141121

Priority
• KR 20140036106 A 20140327
• KR 2014011228 W 20141121

Abstract (en)
[origin: EP3124373A1] The present invention relates to an inflatable kayak which can be set up even with only the injection of air within a relatively short time without the need for additional assembly so as to improve convenience of use and can be folded after being deflated to be conveniently kept, stored, and transported and to occupy a relatively small space, and the inflatable kayak comprises: a bottom tube having a hollow air tube shape such that air is injected into the inside thereof, having a plurality of shape maintaining lines of which both ends are coupled between inner surfaces of the bottom tube, and provided to be flat; side tubes respectively attached to both sides of the bottom tube in a slanted manner, having a hollow air tube shape such that air is injected into the inside thereof, having a plurality of shape maintaining lines of which both ends are coupled between inner surfaces of the side tubes, and having sharp front ends and rear ends; an external adhesive sheet attached to the lower surface of the bottom tube and the outer surfaces of the side tubes so as to surround the lower surface of the bottom tube and the outer surfaces of the side tubes; a front end shape maintaining part provided to the front ends of the side tubes and maintaining the sharp shape of the front ends of the side tubes while covering the front ends of the side tubes; and a rear end shape maintaining part provided to the rear ends of the side tubes and maintaining the sharp shape of the rear ends of the side tubes while covering the rear ends of the side tubes.

IPC 8 full level
B63B 35/71 (2006.01); **B63B 7/08** (2006.01)

CPC (source: EP KR US)
B63B 34/22 (2020.02 - EP KR US); **B63B 34/23** (2020.02 - KR); **B63B 34/26** (2020.02 - KR); **B63B 43/14** (2013.01 - KR); **B63B 43/18** (2013.01 - KR); **B63B 59/02** (2013.01 - KR); **B63B 2059/025** (2013.01 - KR)

Citation (search report)
• [X1] KR 101274579 B1 20130613 - WOOSUNG I B CO LTD [KR]
• See references of WO 2015147406A1

Cited by
EP3456621A1; EP3689735B1

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)
EP 3124373 A1 20170201; **EP 3124373 A4 20171122**; KR 101577279 B1 20151229; KR 20150113284 A 20151008;
WO 2015147406 A1 20151001

DOCDB simple family (application)
EP 14887101 A 20141121; KR 20140036106 A 20140327; KR 2014011228 W 20141121