

Title (en)

METHOD FOR PRODUCING A VOLUME ELEMENT WHICH CAN BE INFLATED WITH A GAS, IN PARTICULAR A WATER SPORT DEVICE

Title (de)

VERFAHREN ZUM HERSTELLEN EINES MIT EINEM GAS AUFBLASBAREN VOLUMENELEMENTS, INSBESONDERE EINES WASSERSPORTGERÄTS

Title (fr)

PROCÉDÉ DE FABRICATION D'UN ÉLÉMENT VOLUMIQUE GONFLABLE AVEC UN GAZ, EN PARTICULIER UN APPAREIL DE SPORT NAUTIQUE

Publication

EP 3455124 A1 20190320 (DE)

Application

EP 17723337 A 20170510

Priority

- DE 102016108635 A 20160510
- EP 2017061170 W 20170510

Abstract (en)

[origin: WO2017194600A1] The invention relates to a method for producing a volume element (10) which can be inflated with a gas, having the following steps: - providing at least one first tubular element (12) which comprises at least one first tube (1, 4) that can be inflated with the gas and is made of at least two layers, said layers being arranged one over the other, consisting of an elastic material, and being connected together along at least one first seam (16d, 36); and - providing at least one second tubular element (14, 15) which has at least one second tube (5, 8) that can be inflated with the gas and is made of at least two layers, said layers being arranged one over the other, consisting of an elastic material, and being connected together along at least one second seam (18d, 38); The tubular elements (12, 14) are provided such that the seams (16d, 18d, 36, 38) are arranged on mutually facing sides of the tubular elements (12, 14) and have different curvatures at least in respective length regions (40).

IPC 8 full level

B63B 7/08 (2006.01)

CPC (source: EP US)

B29D 22/02 (2013.01 - US); **B63B 32/51** (2020.02 - EP US); **B29L 2031/5272** (2013.01 - US)

Citation (search report)

See references of WO 2017194600A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2017194600 A1 20171116; AU 2017264537 A1 20181213; CA 3021533 A1 20171116; DE 102016108635 A1 20171116; DE 102016108635 B4 20190829; EP 3455124 A1 20190320; JP 2019514782 A 20190606; US 2019143617 A1 20190516

DOCDB simple family (application)

EP 2017061170 W 20170510; AU 2017264537 A 20170510; CA 3021533 A 20170510; DE 102016108635 A 20160510; EP 17723337 A 20170510; JP 2018555950 A 20170510; US 201716300462 A 20170510