

Title (en)

DEVICE FOR ADJUSTING A MEDIA PRESSURE RELATIVE TO AN AMBIENT PRESSURE

Title (de)

VORRICHTUNG ZUM EINSTELLEN EINES MEDIENDRUCKES GEGENÜBER EINEM UMGEBUNGSDRUCK

Title (fr)

DISPOSITIF DE RÉGLAGE DE LA PRESSION D'UN MILIEU PAR RAPPORT À UNE PRESSION AMBIANTE

Publication

EP 3017140 B1 20220330 (DE)

Application

EP 14735469 A 20140626

Priority

- DE 102013011115 A 20130703
- EP 2014001740 W 20140626

Abstract (en)

[origin: WO2015000565A2] A device (1) for adjusting a media pressure relative to an ambient pressure which is defined by a depth-dependent sea water pressure during use of the device (1), wherein the sea water pressure acts on a compensator device (35) which permits a reversible change in length or elongation, characterized in that at least two compensator elements (41) of the compensator device (35) are provided in series in the direction of the change in length or elongation.

IPC 8 full level

E21B 33/064 (2006.01)

CPC (source: EP US)

E21B 33/064 (2013.01 - EP US); **F15B 1/103** (2013.01 - US); **F15B 2201/3153** (2013.01 - US)

Citation (examination)

GB 1305990 A 19730207

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)

DE 102013011115 A1 20150108; BR 112015032886 A2 20170725; BR 112015032886 B1 20220322; CN 105473808 A 20160406; CN 105473808 B 20190705; EP 3017140 A2 20160511; EP 3017140 B1 20220330; SG 11201510749U A 20160128; US 2016138357 A1 20160519; US 9670746 B2 20170606; WO 2015000565 A2 20150108; WO 2015000565 A3 20150702

DOCDB simple family (application)

DE 102013011115 A 20130703; BR 112015032886 A 20140626; CN 201480046317 A 20140626; EP 14735469 A 20140626; EP 2014001740 W 20140626; SG 11201510749U A 20140626; US 201414899187 A 20140626