

Title (en)

Device for reducing the noise level of underwater sound sources

Title (de)

Vorrichtung zur Senkung des Schallpegels von Unterwasserschallquellen

Title (fr)

Dispositif de réduction du niveau sonore de sources sonores sous-marines

Publication

**EP 2546829 A3 20150128 (DE)**

Application

**EP 12004900 A 20120629**

Priority

DE 102011107529 A 20110711

Abstract (en)

[origin: EP2546829A2] The device has a casing element (2) e.g. plastic fabric casing, reducing a sound level, and including outer and inner holes for delivery of a gaseous substance i.e. compressed air. A central alignment component (1) e.g. holding pile, is provided for the casing element. Link elements (3) spacingly align the casing element along the alignment component. The link elements are connected with each other in a chain shape. The link elements form a pull-harmonic stretchable guide for the casing element. A symmetrical cylinder ring is provided around the alignment component.

IPC 8 full level

**G10K 11/16** (2006.01); **E02D 13/00** (2006.01)

CPC (source: EP)

**E02D 13/005** (2013.01); **G10K 11/16** (2013.01)

Citation (search report)

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- [A] WO 2010151121 A2 20101229 - IHC HOLLAND IE BV [NL], et al
- [A] US 2011031062 A1 20110210 - ELMER KARL-HEINZ [DE]
- [A] JP S60159218 A 19850820 - ISHIKAWAJIMA HARIMA HEAVY IND

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US2015191987A1; US9488026B2; GB2537305A; EP3312347A1; CN111094124A; CN114613348A; US2022282444A1; AU2018310672B2; US11939735B2; US11377810B2; US11812221B2; US9343059B2; US9607601B2; WO2019025494A1; WO2015114329A1; EP3092636B1

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)

**EP 2546829 A2 20130116; EP 2546829 A3 20150128; EP 2546829 B1 20160323; DK 2546829 T3 20160606**

DOCDB simple family (application)

**EP 12004900 A 20120629; DK 12004900 T 20120629**