

Title (en)

SOUND TRANSDUCER FOR SENDING AND/OR FOR RECEIVING UNDERWATER ACOUSTIC SIGNALS, TRANSDUCER DEVICE, SONAR, AND WATERCRAFT

Title (de)

SCHALLWANDLER ZUM SENDEN UND ODER ZUM EMPFANGEN VON AKUSTISCHEN UNTERWASSERSIGNALEN, WANDLERVORRICHTUNG, SONAR UND WASSERFAHRZEUG

Title (fr)

TRANSDUCTEUR ACOUSTIQUE POUR ENVOYER ET/OU RECEVOIR DES SIGNAUX SOUS-MARINS ACOUSTIQUES, DISPOSITIF TRANSDUCTEUR, SONAR ET VÉHICULE MARIN

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2016141914A1] The invention relates to a sound transducer for sending and/or for receiving underwater acoustic signals, which transducer has an acoustic transducer element, at least one first spring element, a filling compound and a transducer support, wherein the acoustic transducer element is designed as a first mass and the first spring element and the transducer support attached thereto are arranged behind the acoustic transducer element with respect to a sound pressure direction, such that an oscillating system is established and thus an acoustic sensitivity of the sound transducer is improved. The invention also relates to a transducer device, a sonar for sending and/or for receiving underwater acoustic signals and a watercraft.

IPC 8 full level

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Citation (examination)

- DE 102009059902 B3 20110505 - ATLAS ELEKTRONIK GMBH [DE]
- DE 3834669 A1 19960704 - STN ATLAS ELEKTRONIK GMBH [DE]
- EP 2200017 A2 20100623 - ATLAS ELEKTRONIK GMBH [DE]

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