

Title (en)

SOUND TRANSDUCER FOR SENDING AND/OR RECEIVING UNDERWATER SOUND SIGNALS, UNDERWATER ANTENNA, TRAILING ANTENNA, SONAR, AND WATERCRAFT

Title (de)

SCHALLWANDLER ZUM SENDEN UND/ODER EMPFANGEN VON UNTERWASSERSCHALLSIGNALLEN, UNTERWASSERANTENNE, SCHLEPPANTENNE, SONAR UND WASSERFAHRZEUG

Title (fr)

TRANSDUCTEUR ACOUSTIQUE DESTINÉ À ÉMETTRE ET/OU À RECEVOIR DES SIGNAUX SONORES SOUS-MARINS, ANTENNE IMMERGÉE, ANTENNE REMORQUÉE, SONAR ET VÉHICULE NAUTIQUE

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Abstract (en)

[origin: WO2019197149A1] The invention relates to a sound transducer for sending and/or receiving underwater sound signals, wherein the sound transducer comprises at least two sound transducer shells, each comprising a piezoceramic material and each being electrically conductive on an outer surface and an inner surface, the sound transducer shells forming a toroidal shape so that an underwater sound signal can be sent and/or can be received rotationally symmetrically. The invention also relates to an underwater antenna, a trailing antenna, a sonar for sending and/or receiving underwater sound signals, and a watercraft.

IPC 8 full level

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