

Title (en)

PROCESS AND DEVICE FOR REDUCING THE NOISE EMISSION OF SUBMERGED SUBMARINES.

Title (de)

VERFAHREN UND VORRICHTUNG ZUR VERMINDERUNG DER SCHALLEMISSION GETAUCHTER UNTERSEEBOOTE.

Title (fr)

PROCEDE ET DISPOSITIF DE REDUCTION DU BRUIT EMIS PAR LES SOUS-MARINS IMMERGES.

Publication

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Application

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Priority

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- DE 3908577 A 19890316

Abstract (en)

[origin: WO9010926A1] A process and a device are useful for reducing the noise emission of submerged submarines (20). Agitated mechanical elements in the interior send vibrations along a transmission path to an outer casing (30) and the vibrations are damped on the transmission path. In order to decouple the outer casing (30) as completely as possible from the agitated mechanical elements, for example periodically agitated control rods (38) of a nuclear reactor (37), the motion of the mechanical elements relative to the outer casing is recorded and a counter motion is superimposed on the motion in order to actively damp the vibrations. To this end, the position of the element relative to the outer casing (30) is detected by a detector (50) and adjusted by a translator (51).

IPC 1-7

G10K 11/16; **B63G 8/34**

IPC 8 full level

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