

Title (en)
EXTENDING DEVICE FOR A SUBMARINE

Title (de)
AUSFAHRGERÄT FÜR EIN UNTERSEEBOOT

Title (fr)
APPAREIL TÉLÉSCOPIQUE POUR UN SOUS-MARIN

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Application
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Priority
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Abstract (en)
[origin: KR20220057461A] Disclosed are an extension device for a submarine and a submarine including the same. In accordance with one embodiment of the present invention, an extension device (8) for a submarine (2) includes a mast (14) and a first casing (16) and a second casing (18). The first casing (16) and the second casing (18) surround the mast (14). The first casing (16) surrounds at least one part of the second casing (18). The first casing (16) is transparent to a detection wave and includes a first fiber composite material. The second casing (18) is impermeable to the detection wave and includes a second fiber composite material. The second casing (18) includes a second surface (26) opposed to the first casing (16) and including a plurality of linear sections (20) connected with each other to reflect the detection wave for a reduction in a radar cross sectional and having cross sections forming angles to each other in a zigzag form. The first casing (16) includes a first surface (24) spaced apart from the second casing (18) and following the shape of the second surface (26) in a wavy form. Therefore, the present invention is capable of providing an extension device having a small radar cross sectional area while providing existing usability.

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