

Title (en)

CONNECTION SYSTEM FOR SUBMARINE ACOUSTIC ANTENNA

Title (de)

VERBUNDUNGSVORRICHTUNG FÜR AKUSTISCHE UNTERWASSERANTENNE

Title (fr)

SYSTEME DE CONNEXION POUR ANTENNE ACOUSTIQUE SOUS-MARINE

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Application

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Abstract (en)

[origin: WO0137294A1] The invention concerns connection systems for a submarine acoustic antenna. It consists in connecting the antenna (201-206) to elements (102) of the sonar by an optical link. A removable transformer (210, 211) enables to separate galvanically the antenna and the transmission means. It powers a VCSEL electro-optical element (216) which energises an optical fibre (217) connected to the pressure hull penetrators (108). The invention enables to produce an antenna having a very large number of sensors.

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