Title (en)

CAMOUFLAGING METHOD AND APPARATUS, AND NAVAL VESSEL PROVIDED WITH AT LEAST SUCH AN APPARATUS

Title (de)

VERSCHLEIERUNGSVERFAHREN UND -VORRICHTUNG SOWIE WASSERFAHRZEUG MIT MINDESTENS EINER SOLCHEN VORRICHTUNG

Title (fr)

PROCÉDÉ ET INSTALLATION DE MASQUAGE AINSI QUE BÂTIMENT NAVAL ÉQUIPÉ D'AU MOINS UNE TELLE INSTALLATION

Publication

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Application

EP 13744762 A 20130717

Priority

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Abstract (en)

[origin: WO2014013192A1] The invention relates to a method for effective concealment that lastingly covers all or the essential portions of vessels and the area around same, as well as the crews thereof. For said purpose, the invention provides for coupling an air flow to an injection of fluid capable of causing the formation of a cloud, followed by positioning said cloud in order to optimise the coverage of the vessel and the area around same to be protected. According to the invention, a concealment apparatus comprises a gas turbine (1) coupled to a duct (11') for discharging a flow of smoke (F3) consisting of a combustion gas charged with droplets of fluid in suspension. According to one embodiment, the duct (11') comprises two arms (11'a, 11'b) which are connected to each side half (103a, 103b) of the hull (103) of the vessel (102). The arms (11'a, 11'b) are symmetrical relative to a vertical plane Pv of symmetry of the ship (102) and, due to the curvature thereof, are generally directed (arrow F4) toward the rear (AR) of the ship (102). Thus, the flow of smoke (F3) is also directed toward the rear (AR) of the ship (102). The invention is useful in particular for all types of naval vessels.

IPC 8 full level

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