

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

EP 2874870 A1 20150527 (FR)

Application

EP 13744762 A 20130717

Priority

- FR 1256931 A 20120718
- FR 2013051714 W 20130717

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

B63G 13/02 (2006.01)

CPC (source: EP RU US)

B63G 13/02 (2013.01 - EP US); **B63G 13/02** (2013.01 - RU); **B63G 2013/025** (2013.01 - EP US)

Citation (search report)

See references of WO 2014013192A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2014013192 A1 20140123; BR 112015000852 A2 20170627; BR 112015000852 B1 20211109; CA 2878840 A1 20140123; CA 2878840 C 20200421; CN 104661913 A 20150527; CN 104661913 B 20181221; EP 2874870 A1 20150527; EP 2874870 B1 20161228; FR 2993532 A1 20140124; FR 2993532 B1 20150807; JP 2015526336 A 20150910; JP 6505598 B2 20190424; PL 2874870 T3 20170831; RU 2015102841 A 20160910; RU 2616489 C2 20170417; US 2015183499 A1 20150702

DOCDB simple family (application)

FR 2013051714 W 20130717; BR 112015000852 A 20130717; CA 2878840 A 20130717; CN 201380037518 A 20130717; EP 13744762 A 20130717; FR 1256931 A 20120718; JP 2015522154 A 20130717; PL 13744762 T 20130717; RU 2015102841 A 20130717; US 201314414758 A 20130717