

Title (en)

DEVICE FOR INTEGRATING LIGHTING AND SIGNALLING FOR NAGIVATION PURPOSES

Title (de)

INTEGRIERTES BELEUCHTUNGS- UND SIGNALISIERUNGSSYSTEM FÜR VORRICHTUNG MIT INTEGRATION VON BELEUCHTUNG UND SIGNALISIERUNG FÜR NAVIGATIONSZWECKE

Title (fr)

DISPOSITIF D'INTÉGRATION D'ÉCLAIRAGE ET DE SIGNALISATION POUR NAVIGATION

Publication

EP 3401205 B1 20210203 (EN)

Application

EP 17735776 A 20170103

Priority

- BR 102016004942 A 20160109
- BR 2017050001 W 20170103

Abstract (en)

[origin: EP3401205A1] Patent of invention having lighting integrated with signaling for navigation purposes, having, integratedly, a front lighting assembly for the bow, a rear sternlight assembly for outboard lighting; an upper anchor light assembly, a lighting assembly at the base of the transparent pole; a signaling assembly also at the rear for stern lighting; starboard and port side signaling light assemblies pre-arranged in a central longitudinal portion of the watercraft, from the center to the rear, preferably on the top frame of the watercraft or a cover; having a method for integrating lighting and signaling for navigation purposes consisting of a support device that contemplates the grouping of lighting and signaling and a DEVICE FOR INTEGRATING LIGHTING AND SIGNALING FOR NAVIGATION PURPOSES, comprising a skid fixed to the watercraft on the top frame, column or suitable support, having a split hull internally comprising a fastening support for a radar deflector device, a support element for the flag pole and, externally, duly arranged, lighting and signaling, in accordance with international navigation standards; the hull (1), fixed skid (2), rear cover (5), combined support (7), pole (10), reflectors (602, 803, 14 and 1401) and lenses (601, 804, 1402 and 1403), are preferably made of polymeric material with US rays (Ultra Violet) protection.

IPC 8 full level

B63B 45/04 (2006.01); **B60Q 1/26** (2006.01); **G01S 13/86** (2006.01); **G08G 3/00** (2006.01); **H01Q 1/34** (2006.01)

CPC (source: EP)

B63B 45/04 (2013.01); **H01Q 1/34** (2013.01); **H01Q 1/44** (2013.01); **H01Q 15/18** (2013.01); **G08G 3/02** (2013.01)

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

DOCDB simple family (publication)

EP 3401205 A1 20181114; **EP 3401205 A4 20190724**; **EP 3401205 B1 20210203**; **EP 3401205 B8 20210317**

DOCDB simple family (application)

EP 17735776 A 20170103