

Title (en)
SYSTEM FOR CONTROLLING AND MANAGING DOCKING IN A SEA AREA

Title (de)
SYSTEM ZUM REGULIEREN UND VERWALTEN VON FESTMACHVORGÄNGEN IN EINEM SEEGEBIET

Title (fr)
SYSTEME PERMETTANT DE COMMANDER ET DE GERER L'AMARRAGE DANS UNE ZONE DE MER

Publication
EP 1550086 B1 20071212 (EN)

Application
EP 03758685 A 20030929

Priority
• IT 0300582 W 20030929
• IT RM20020507 A 20021007

Abstract (en)
[origin: WO2004032064A1] The present invention concerns a system for controlling and managing docking in a sea area, comprising one or more fields having one or more buoys, characterised in that the equipped buoys (1) are apt to communicate with at least one control station (2). Each one of said equipped buoys (1) comprises first radiocommunication means (8; 9) apt to communicate with second radiocommunication means (14) with which said at least one control station (2) is provided. Each one of said equipped buoys (1) further comprises electronic means (5; 6) apt to transmit an interrogation signal for carrying out a passive radio frequency communication with at least one transmitter-responder or transponder (7), in such a way that said at least one transponder (7), when interrogated, talks with the electronic means (5; 6) providing at least one identification code. The electronic means (5; 6) transmit, through the first radiocommunication means (8; 9), said at least one identification code to said at least one control station (2). The present disclosure further concerns the elements usable in such a system for controlling and managing docking.

IPC 8 full level
B63B 22/02 (2006.01); **B63B 22/24** (2006.01); **G07B 15/02** (2011.01); **G08G 3/00** (2006.01)

CPC (source: EP)
B63B 22/02 (2013.01); **B63B 22/24** (2013.01); **G07B 15/02** (2013.01); **G08G 3/00** (2013.01)

Cited by
EP4063254A1; WO2011096901A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004032064 A1 20040415; AT E381080 T1 20071215; AU 2003274723 A1 20040423; CY 1107904 T1 20130904; DE 60318087 D1 20080124; DE 60318087 T2 20081127; DK 1550086 T3 20080505; EP 1550086 A1 20050706; EP 1550086 B1 20071212; ES 2297212 T3 20080501; HR P20050302 A2 20051031; IT RM20020507 A0 20021007; IT RM20020507 A1 20040408; PT 1550086 E 20080319

DOCDB simple family (application)
IT 0300582 W 20030929; AT 03758685 T 20030929; AU 2003274723 A 20030929; CY 081100278 T 20080312; DE 60318087 T 20030929; DK 03758685 T 20030929; EP 03758685 A 20030929; ES 03758685 T 20030929; HR P20050302 A 20050331; IT RM20020507 A 20021007; PT 03758685 T 20030929