Title (en)

METHOD OF CONTROLLING A TORPEDO, TORPEDO AND ANTENNA SECTION FOR SUCH A TORPEDO

Title (de)

VERFAHREN ZUM STEUERN EINES TORPEDOS, TORPEDO HIERFÜR SOWIE ANTENNENSEKTION EINES DERARTIGEN TORPEDOS

Title (fr)

PROCEDE POUR COMMANDER UNE TORPILLE, TORPILLE ET SECTION D'ANTENNE POUR UNE TELLE TORPILLE

Publication

EP 2425202 A1 20120307 (DE)

Application

EP 10714336 A 20100423

Priority

- EP 2010055475 W 20100423
- DE 102009019790 A 20090502

Abstract (en)

[origin: WO2010127953A1] The invention relates to a method for controlling a torpedo (1) to at least one target. In order to increase the range of the torpedo (1), the torpedo (1), during the travel thereof to the target (Z), submerges once or several times into the near-surface region of a water system (4) that is adjacent to the water surface, wherein, however, the torpedo (1) also remains immersed in said near-surface region. The torpedo (1) then extends a radio antenna (10) into a surface region above the water surface and subsequently receives position data containing target position data of the target by way of said radio antenna (10) and uses said position data to head for the target (Z). The invention further relates to a torpedo (1) comprising an antenna section (31) having an extendable radio antenna (10). Further, the invention relates to such an antenna section (31).

IPC 8 full level

F42B 19/01 (2006.01)

CPC (source: EP KR US)

F41G 7/008 (2013.01 - EP US); **F41G 7/2246** (2013.01 - EP US); **F41G 7/228** (2013.01 - EP US); **F41G 7/306** (2013.01 - EP US); **F41G 7/32** (2013.01 - EP US); **F41G 7/346** (2013.01 - EP US); **F41G 7/36** (2013.01 - EP US); **F42B 19/01** (2013.01 - EP KR US); **F42B 19/10** (2018.07 - EP US)

Citation (search report)

See references of WO 2010127953A1

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

DE 102009040152 A1 20101104; EP 2425202 A1 20120307; EP 2425202 B1 20150930; IL 215151 A0 20111229; KR 20120016235 A 20120223; SG 174860 A1 20111128; US 2012037059 A1 20120216; WO 2010127953 A1 20101111

DOCDB simple family (application)

DE 102009040152 A 20090904; EP 10714336 A 20100423; EP 2010055475 W 20100423; IL 21515111 A 20110915; KR 20117026614 A 20100423; SG 2011065190 A 20100423; US 201013259389 A 20100423