

Title (en)

COMBINED STEERING AND DRAG-REDUCTION DEVICE

Title (de)

KOMBINIERTE LENK- UND ZUGREDUKTIONSVORRICHTUNG

Title (fr)

DISPOSITIF COMBINÉ DE PILOTAGE DE TRAJECTOIRE ET DE RÉDUCTION DE TRAINÉE

Publication

EP 2909571 B1 20160817 (FR)

Application

EP 13786642 A 20131021

Priority

- FR 1260044 A 20121022
- EP 2013071990 W 20131021

Abstract (en)

[origin: WO2014064055A1] The invention relates to a combined steering and drag-reduction device intended for a missile comprising a base (13) and an upper part which are arranged in succession along a main axis (11) along which the missile is steered. Advantageously, the device comprises a pressurized-gas generator (35) and at least one lateral thruster (20) comprising: - at least one nozzle (38a, 38b), configured to deliver thrust, by expansion of the gas transmitted by the generator (35), which nozzle can be orientated about an axis substantially perpendicular to the main axis (11), - at least one stabilizing chamber (39), configured to expand the gas transmitted by the generator (35) and expel it through an exit section (43) of the base (13) substantially perpendicular to the main axis (11).

IPC 8 full level

F42B 10/40 (2006.01); **F42B 10/66** (2006.01)

CPC (source: EP KR US)

F42B 10/40 (2013.01 - EP KR US); **F42B 10/663** (2013.01 - EP KR US); **F42B 15/01** (2013.01 - KR US)

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)

FR 2997179 A1 20140425; **FR 2997179 B1 20150116**; EP 2909571 A1 20150826; EP 2909571 B1 20160817; IL 238405 A0 20150630; IL 238405 B 20180329; KR 102033205 B1 20191016; KR 20150094606 A 20150819; US 2015276362 A1 20151001; US 9500456 B2 20161122; WO 2014064055 A1 20140501

DOCDB simple family (application)

FR 1260044 A 20121022; EP 13786642 A 20131021; EP 2013071990 W 20131021; IL 23840515 A 20150421; KR 20157013144 A 20131021; US 201314437486 A 20131021