

Title (en)

Naval vessel countermeasure launching device

Title (de)

Marineschiff-Gegenmassnahmelanciervorrichtung

Title (fr)

Dispositif de lancement de la contre-mesure pour un vaisseau marin

Publication

**EP 2019035 A1 20090128 (EN)**

Application

**EP 07425453 A 20070724**

Priority

EP 07425453 A 20070724

Abstract (en)

A naval vessel countermeasure launching device having a launch tube (2) for launching a countermeasure (3); a cylinder (5) of pressurized gas; and a feed system (7) for feeding gas from the cylinder to the launch tube (2). A shutter of the feed system has a supporting body (32), and a cup-shaped body which slides with respect to the supporting body and has an annular end portion (42) for closing a gas feed opening (28) to the launch tube; and the supporting body and the cup-shaped body define a variable-volume inner chamber (47). The shutter (30) is housed in a seat (24) into which pressurized gas from the cylinder is fed so that the gas exerts pressure on at least part of the cup-shaped body. When the chamber is depressurized, the gas pressure on the cup-shaped body slides the cup-shaped body on the supporting body to open the shutter.

IPC 8 full level

**B63G 9/02** (2006.01); **B63G 8/32** (2006.01)

CPC (source: EP)

**B63G 3/04** (2013.01)

Citation (search report)

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- [A] US 6386133 B1 20020514 - RYERSON MICHAEL R [US], et al

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 2019035 A1 20090128**; **EP 2019035 B1 20091209**; AT E451297 T1 20091215; DE 602007003710 D1 20100121; SG 149778 A1 20090227

DOCDB simple family (application)

**EP 07425453 A 20070724**; AT 07425453 T 20070724; DE 602007003710 T 20070724; SG 2008054298 A 20080722