

Title (en)

FIN-STABILIZED FULL-CALIBRE PRACTICE PROJECTILE

Title (de)

LEITWERKSTABILISIERTES VOLLKALIBER-ÜBUNGSGESCHOSS

Title (fr)

PROJECTILE D'EXERCICE DE GROS CALIBRE À EMPENNAGE STABILISÉ

Publication

**EP 2828608 A1 20150128 (DE)**

Application

**EP 13709381 A 20130305**

Priority

- DE 102012005742 A 20120323
- EP 2013054434 W 20130305

Abstract (en)

[origin: WO2013139594A1] In order to ensure the firing strength of a full-calibre practice projectile (1), which has a solid head part (3) and a tubular fin body (5) adjoining the head part (3) at the rear, in a cost-effective manner, the invention proposes that the fin body (5) is designed in such a way that the propellant gases caused by the firing of the practice projectile (1) act also on the outer side (6) of the side wall (7) of the tubular fin body (5). In order to prevent the propellant gases from flowing past the practice projectile (1) on the outside within the weapon barrel, a piston ring seal (10) is provided in the area of the head part (3), wherein a radially displaceable sealing ring (11) engages into an annular groove (12) in the rear section of the head part (3). The groove base (15) of the annular groove (12) is connected to at least one axially extending recess (17) of the head part (3) via a plurality of substantially radial boreholes (16), said recess opening at the front end (18) of the head part (3), said front end delimiting the inner space (19) of the fin body (5) on the side of the projectile head.

IPC 8 full level

**F42B 8/12** (2006.01); **F42B 10/02** (2006.01); **F42B 14/02** (2006.01)

CPC (source: EP)

**F42B 8/12** (2013.01); **F42B 10/02** (2013.01); **F42B 14/02** (2013.01)

Citation (search report)

See references of WO 2013139594A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 102012005742 A1 20130926**; EP 2828608 A1 20150128; WO 2013139594 A1 20130926

DOCDB simple family (application)

**DE 102012005742 A 20120323**; EP 13709381 A 20130305; EP 2013054434 W 20130305