

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 2828606 B1 20160518 (DE)

Application
EP 13709378 A 20130305

Priority
• DE 102012005745 A 20120323
• EP 2013054426 W 20130305

Abstract (en)
[origin: WO2013139592A1] 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 sealing system (8) is provided in the area of the solid head part (3) of the practice projectile (1), wherein a circumferential section (10) is provided on the outer side (9) of the head part (3), which is designed as a sealing surface and whose outer diameter is selected such that the head part (3) itself forms the sealing system (8) in this section (10) during firing of the practice projectile (1). A groove seal is preferably provided in the sealing surface (10), said groove seal comprising at least three annularly arranged grooves (11) which are axially spaced from one another.

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)

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)
DE 102012005745 A1 20130926; EP 2828606 A1 20150128; EP 2828606 B1 20160518; WO 2013139592 A1 20130926

DOCDB simple family (application)
DE 102012005745 A 20120323; EP 13709378 A 20130305; EP 2013054426 W 20130305