

Title (en)

Adaptive device for a projectile fired from a launching tube

Title (de)

Vorrichtung zum Adaptieren eines aus einem Rohr abzuschliessenden Projektils

Title (fr)

Dispositif adaptateur pour projectile tiré à partir d'un tube de lancement

Publication

**EP 1376045 B1 20060308 (FR)**

Application

**EP 03101900 A 20030626**

Priority

FR 0208082 A 20020628

Abstract (en)

[origin: EP1376045A1] The adaptor mechanism (10) is placed between a projectile (12) and a tubular launcher (14). A retention ring (22) is mounted on the launch tube with the adaptor holding the projectile. The projectile has folded winglets held in a first portion (38) of the adaptor and attachment means.

IPC 8 full level

**F41A 21/32** (2006.01); **F41F 1/00** (2006.01); **F41F 1/06** (2006.01); **F41F 3/042** (2006.01); **F42B 10/14** (2006.01)

CPC (source: EP US)

**F41F 3/042** (2013.01 - EP US); **F42B 10/14** (2013.01 - EP US)

Cited by

CN110132054A

Designated contracting state (EPC)

BE DE ES GB IT SE

DOCDB simple family (publication)

**EP 1376045 A1 20040102**; **EP 1376045 B1 20060308**; **EP 1376045 B8 20060628**; DE 60305382 D1 20060629; DE 60305382 T2 20070419; ES 2259404 T3 20061001; FR 2841643 A1 20040102; FR 2841643 B1 20040917; IL 165576 A0 20060115; IL 165576 A 20110428; US 2005242230 A1 20051103; US 7036419 B2 20060502; WO 2004003461 A2 20040108; WO 2004003461 A3 20040610

DOCDB simple family (application)

**EP 03101900 A 20030626**; DE 60305382 T 20030626; ES 03101900 T 20030626; FR 0208082 A 20020628; FR 0301978 W 20030626; IL 16557603 A 20030626; IL 16557604 A 20041206; US 51961504 A 20041223