

Title (en)

Propulsive unit for a projectile limiting the recoil energy

Title (de)

Antriebsgerät für eine die Rückstossenergie begrenzendes Geschoss

Title (fr)

Ensemble de propulsion pour projectile limitant l'effort de recul

Publication

EP 0884553 B1 20030212 (FR)

Application

EP 98401424 A 19980611

Priority

FR 9707226 A 19970611

Abstract (en)

[origin: EP0884553A1] The assembly comprises a chamber (122) containing a pressure source (120), connected to the launch tube (100) through a cylinder (130) with perforations (132) which are exposed in sequence as the projectile is ejected from the tube. The cylinder is located between the chamber containing the pressure source and the launch tube expansion chamber (140). The spacing, size and number of the perforations in the cylinder are designed so as to ensure a constant pressure in the launch tube behind the projectile.

IPC 1-7

F42B 5/02

IPC 8 full level

F42B 5/02 (2006.01)

CPC (source: EP US)

F42B 5/02 (2013.01 - EP US); **F42C 19/0823** (2013.01 - EP US); **F42C 19/0826** (2013.01 - EP US); **F42C 19/083** (2013.01 - EP US)

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

EP 98401424 A 19980611; CA 2239154 A 19980610; DE 69811291 T 19980611; FR 9707226 A 19970611; US 9564598 A 19980611