

Title (en)
PROJECTILE FOR FIREARMS

Title (de)
GESCHOSS FÜR SCHUSSWAFFEN

Title (fr)
PROJECTILE POUR ARMES À FEU

Publication
EP 3707461 B1 20220413 (DE)

Application
EP 18803380 A 20181109

Priority
• DE 102017126442 A 20171110
• EP 2018080768 W 20181109

Abstract (en)
[origin: WO2019092182A1] The invention relates to a projectile (2) for firearms, which is designed as a slender rotation body for ultrasonic velocity, having an approximately cylindrical center part (6), a tip (9) on the front end and a tail (10) on the rear end which tapers conically toward a projectile base (12), wherein the projectile is designed such that the circumferential flow remains uniform over the the entire trajectory thereof from a front shock wave, through a boundary layer enclosing the projectile body to a rear tail vortex.

IPC 8 full level
F42B 5/02 (2006.01); **F42B 10/44** (2006.01); **F42B 10/46** (2006.01)

CPC (source: EP US)
F42B 5/02 (2013.01 - EP); **F42B 5/025** (2013.01 - US); **F42B 10/44** (2013.01 - EP US); **F42B 10/46** (2013.01 - EP US); **F42B 30/02** (2013.01 - EP)

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)
WO 2019092182 A1 20190516; AU 2018365320 A1 20200528; AU 2018365320 B2 20230330; DE 102017126442 A1 20190516;
EP 3707461 A1 20200916; EP 3707461 B1 20220413; RU 2020115532 A 20211210; RU 2020115532 A3 20220118; US 11118879 B2 20210914;
US 2020408493 A1 20201231

DOCDB simple family (application)
EP 2018080768 W 20181109; AU 2018365320 A 20181109; DE 102017126442 A 20171110; EP 18803380 A 20181109;
RU 2020115532 A 20181109; US 202016869045 A 20200507