

Title (en)
PROJECTILE

Title (de)
GESCHOSS

Title (fr)
PROJECTILE

Publication
EP 3117178 A1 20170118 (DE)

Application
EP 15715665 A 20150310

Priority
• AT 501902014 A 20140314
• AT 2015050062 W 20150310

Abstract (en)
[origin: WO2015135013A1] The invention relates to a projectile (1), comprising a projectile body (2), which has a cavity (5) for accommodating explosive material, wherein the projectile body (2) has a rotationally symmetric lateral surface (7) at least in some sections, which rotationally symmetric lateral surface is surrounded at least in some sections by a plurality of annular elements (8) having predetermined breaking points, wherein slivers (12) that form during the break-up of the elements (8) are predefined by means of the predetermined breaking points, and the slivers (12) are connected to each other in an annular connecting segment (11) in order to form the annular element (8), and the freely protruding ends (13) of the slivers (12) are arranged at least partially in a common orthogonal plane (13') which is orthogonal to a longitudinal axis (8') of the annular element (8), wherein said orthogonal plane (13') is arranged in deviation from an orthogonal plane (11') defined by the annular connecting segment (11). The invention further relates to an accordingly annular element (8) for the projectile (1).

IPC 8 full level
F42B 12/28 (2006.01); **F42B 12/22** (2006.01)

CPC (source: AT EP IL KR RU US)
F42B 12/22 (2013.01 - AT EP IL KR US); **F42B 12/28** (2013.01 - AT EP IL KR RU US); **F42B 12/367** (2013.01 - KR); **F42B 12/24** (2013.01 - AT)

Citation (search report)
See references of WO 2015135013A1

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)
WO 2015135013 A1 20150917; AT 515209 A4 20150715; AT 515209 B1 20150715; AU 2015230658 A1 20160915; AU 2015230658 B2 20190516; BR 112016021064 B1 20210223; CA 2940739 A1 20150917; CA 2940739 C 20220726; CL 2016002288 A1 20170120; DK 3117178 T3 20180507; EP 3117178 A1 20170118; EP 3117178 B1 20180131; ES 2662978 T3 20180410; IL 247765 B 20190228; JP 2017507313 A 20170316; JP 6375587 B2 20180822; KR 101915174 B1 20181106; KR 20160142841 A 20161213; ME 03050 B 20181020; MX 2016011623 A 20161129; MY 185509 A 20210519; NO 3117178 T3 20180630; NZ 724453 A 20220128; PH 12016501730 A1 20170206; PH 12016501730 B1 20170206; PL 3117178 T3 20180731; RS 57134 B1 20180731; RU 2016139462 A 20180417; RU 2016139462 A3 20180919; RU 2684795 C2 20190415; SG 11201607618X A 20161028; US 10415939 B2 20190917; US 10648783 B2 20200512; US 2018202783 A1 20180719; US 2019041176 A9 20190207; US 2019360789 A1 20191128; ZA 201605972 B 20170830

DOCDB simple family (application)
AT 2015050062 W 20150310; AT 501902014 A 20140314; AU 2015230658 A 20150310; BR 112016021064 A 20150310; CA 2940739 A 20150310; CL 2016002288 A 20160912; DK 15715665 T 20150310; EP 15715665 A 20150310; ES 15715665 T 20150310; IL 24776516 A 20160912; JP 2016554573 A 20150310; KR 20167028060 A 20150310; ME P201865 A 20150310; MX 2016011623 A 20150310; MY P12016703098 A 20150310; NO 15715665 A 20150310; NZ 72445315 A 20150310; PH 12016501730 A 20160902; PL 15715665 T 20150310; RS P20180395 A 20150310; RU 2016139462 A 20150310; SG 11201607618X A 20150310; US 201515126018 A 20150310; US 201916532597 A 20190806; ZA 201605972 A 20160829