

Title (en)
MUNITION MODULE, WARHEAD, AND MUNITION

Title (de)
MUNITIONSMODUL, GEFECHTSKOPF UND MUNITION

Title (fr)
MODULE DE MUNITION, OGIVE ET MUNITION

Publication
EP 3555556 A1 20191023 (DE)

Application
EP 17805106 A 20171129

Priority
• DE 102016015042 A 20161216
• EP 2017001391 W 20171129

Abstract (en)
[origin: WO2018108308A1] The invention relates to a munition module (6) in which an ignition point (18) of an explosive assembly is positioned at a distance from a detonator (8) within a casing (20) of the explosive assembly (10). An ignition channel (22) runs from the detonator (8) to the ignition point (18) in a starting state (A), wherein the ignition channel (22) is open in a starting state (A) and is designed to be self-closing in an ignition state (S) after an ignition has occurred. A warhead (4) comprising the munition module (6) contains an active coating (12) which at least partly surrounds the explosive assembly (10) and which can be accelerated by the reacted explosive. In a munition (2) comprising the warhead (4), the detonator is an impact detonator. A munition (2) in the form of an air-burst munition contains the warhead (4).

IPC 8 full level
F42C 19/08 (2006.01); **F42B 12/20** (2006.01)

CPC (source: EP US)
F42B 12/207 (2013.01 - EP US); **F42C 19/0807** (2013.01 - EP US); **F42C 19/0838** (2013.01 - EP US)

Citation (search report)
See references of WO 2018108308A1

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 2018108308 A1 20180621; DE 102016015042 A1 20180621; DE 102016015042 B4 20180823; EP 3555556 A1 20191023; EP 3555556 B1 20211229; ES 2906354 T3 20220418; PL 3555556 T3 20220419; US 10845176 B2 20201124; US 2019316890 A1 20191017; ZA 201903447 B 20200226

DOCDB simple family (application)
EP 2017001391 W 20171129; DE 102016015042 A 20161216; EP 17805106 A 20171129; ES 17805106 T 20171129; PL 17805106 T 20171129; US 201916427428 A 20190531; ZA 201903447 A 20190530