

Title (en)
AMMUNITION OF AXIAL-CUMULATIVE INITIATION

Title (de)
MUNITION ZUR AXIALEN UND STAUENDEN INITIATION

Title (fr)
MUNITIONS À AMORÇAGE CUMULATIF AXIAL

Publication
EP 4143498 A2 20230308 (EN)

Application
EP 21731381 A 20210426

Priority
• BG 11312520 A 20200427
• BG 2021000014 W 20210426

Abstract (en)
[origin: WO2021217222A2] The invention relates to ammunition with axial-cumulative initiation, which is used in military equipment and especially in the production of ammunition. Ammunition with axial cumulative initiation, subject of the invention are characterized by increased destructive ability, providing significant destruction of a larger target area. They are particularly suitable for use in high-explosive fragmentation projectiles, as they are designed so that small-caliber cumulative elements are located along the axis of the ammunition and are aimed at the main explosive element. Ammunition with axial-cumulative initiation consists of a casing, a frontal fuse device and an explosive charge of the projectile located in the casing, characterized in that behind the frontal fuse device (2) is mounted a fixed transition sleeve (3) with a small-caliber cumulative element (4) located in it, consisting of a cumulative charge (6), a cumulative layer (7) and a screen (8), as the cumulative element (4) is located on the axis of the casing (1) of the projectile and is oriented to the high explosive charge (5).

IPC 8 full level
F42B 12/20 (2006.01); **F42B 12/22** (2006.01); **F42C 19/08** (2006.01)

CPC (source: EP)
F42B 12/207 (2013.01); **F42B 12/22** (2013.01); **F42C 19/0807** (2013.01); **F42C 19/0815** (2013.01); **F42C 19/0838** (2013.01)

Citation (search report)
See references of WO 2021217222A2

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2021217222 A2 20211104; WO 2021217222 A9 20220303; BG 113125 A 20211115; EP 4143498 A2 20230308

DOCDB simple family (application)
BG 2021000014 W 20210426; BG 11312520 A 20200427; EP 21731381 A 20210426