

Title (en)

SAFETY ASSEMBLY FOR AN AMMUNITION FUZE

Title (de)

SICHERUNGSANORDNUNG FÜR EINEN GESCHOSSZÜNDER

Title (fr)

ENSEMBLE DE SÉCURITÉ POUR FUSÉE DE MUNITION

Publication

EP 2943740 B1 20180815 (EN)

Application

EP 14705581 A 20140112

Priority

- IL 22420113 A 20130113
- IL 2014050028 W 20140112

Abstract (en)

[origin: WO2014108904A1] A safety assembly for ammunition includes: - a housing (110) with an opening covered by a nose cap (130); - a firing pin (140) directed downwards having a head (132) with a shoulder protruding radially; - a locking means (146) which when in a safe position, rests between the shoulder and the housing; and - an interrupter (150) rotatably attached to a shaft (152) affixed to the housing and located along an axis parallel to the firing pin, wherein the interrupter has a first cavity (154) and a second cavity (160) for a detonator, wherein the head of the firing pin is configured to move downwards responsive to setback forces, thus releasing the locking means and forcing the tip of the firing pin to enter the first cavity, wherein the firing pin is further configured to move upwards responsive to a cease of the setback pulling the tip of firing pin out of the first cavity.

IPC 8 full level

F42C 15/24 (2006.01); **F42C 15/188** (2006.01)

CPC (source: EP)

F42C 15/188 (2013.01); **F42C 15/24** (2013.01)

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 2014108904 A1 20140717; EP 2943740 A1 20151118; EP 2943740 B1 20180815; IL 224201 A 20160421; LT 2943740 T 20181112

DOCDB simple family (application)

IL 2014050028 W 20140112; EP 14705581 A 20140112; IL 22420113 A 20130113; LT 14705581 T 20140112