

Title (en)
SELF-CONSUMING PROJECTILE

Title (de)
SELBSTVERZEHRENDES GESCHOSS

Title (fr)
PROJECTILE CAPABLE DE S'AUTO-CONSUMER

Publication
EP 3359908 B1 20220511 (DE)

Application
EP 16770516 A 20160926

Priority
• DE 102015116985 A 20151006
• EP 2016072819 W 20160926

Abstract (en)
[origin: CA3000764A1] A projectile (1) with a projectile casing (2) and at least one pyrotechnic charge (3, 4) incorporated in the projectile casing (2) is proposed, wherein the projectile (1) has an open projectile base (5) with a destructible membrane (6) and the pyrotechnic charge (3, 4) burns away at a defined rate during the flight of the projectile (1), and so the projectile (1) loses mass in such a way that a predetermined effective range is not exceeded. As a result, safety and a nonlethal effect are achieved, in particular outside the effective range.

IPC 8 full level
F42B 10/40 (2006.01); **F42B 10/48** (2006.01); **F42B 12/34** (2006.01); **F42B 12/74** (2006.01)

CPC (source: EP IL KR US)
F42B 5/181 (2013.01 - IL); **F42B 10/40** (2013.01 - EP IL KR US); **F42B 10/48** (2013.01 - EP IL KR US); **F42B 12/44** (2013.01 - IL US); **F42B 12/745** (2013.01 - EP IL KR US); **F42B 30/02** (2013.01 - IL US); **F42B 5/181** (2013.01 - US)

Citation (examination)
• US 9121679 B1 20150901 - KIM BRIAN [US], et al
• US 3633512 A 19720111 - SCHLACK ALLEN F, et al

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)
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DE 102015116985 A 20151006; CA 3000764 A 20160926; EP 16770516 A 20160926; EP 2016072819 W 20160926; HU E16770516 A 20160926; IL 25850518 A 20180405; KR 20187010699 A 20160926; US 201815947125 A 20180406; ZA 201801989 A 20180326