

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 10/48** (2006.01); **F42B 10/40** (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)  
**DE 102015116985 A1 20170406**; CA 3000764 A1 20170413; CA 3000764 C 20230103; EP 3359908 A1 20180815; EP 3359908 B1 20220511; HU E059363 T2 20221128; IL 258505 A 20180531; IL 258505 B 20220301; KR 102452007 B1 20221006; KR 20180063140 A 20180611; US 10598471 B2 20200324; US 2018224250 A1 20180809; WO 2017060109 A1 20170413; ZA 201801989 B 20190130

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