

Title (en)
SELF-CONSUMING PROJECTILE

Title (de)
SELBSTVERZEHRENDES GESCHOSS

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

Publication
EP 3359908 A1 20180815 (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 (search report)
See references of WO 2017060109A1

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BA ME

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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