

Title (en)

EXPLOSIVES-FREE PROJECTILE FOR TARGET MARKING

Title (de)

EXPLOSIVSTOFFFREIES GESCHOSS FÜR ZIELMARKIERUNG

Title (fr)

PROJECTILE SANS MATIÈRE EXPLOSIVE POUR LE MARQUAGE DE CIBLE

Publication

EP 2929286 A1 20151014 (DE)

Application

EP 13789734 A 20131029

Priority

- DE 102012023700 A 20121205
- EP 2013072570 W 20131029

Abstract (en)

[origin: WO2014086533A1] The invention relates to ammunition with an explosives-free projectile (20, 20', 30, 30', 40), which releases a fuel or a fuel mixture as an inflammable air-fuel mixture upon breaking apart at the target, said air-fuel mixture being reacted spontaneously by at least one explosives-free, spark-generating ignition mechanism (4) triggered when the projectile breaks apart on impact. The thus produced optical and thermal target signature can be detected with the naked eye and with telescopic sights or other optical target detecting systems as well as with night-vision or thermal-imaging devices.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2014086533A1

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Designated extension state (EPC)

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DE 102012023700 A1 20140605; EP 2929286 A1 20151014; EP 2929286 B1 20190327; ES 2729779 T3 20191106; US 2014305328 A1 20141016; US 9513094 B2 20161206; WO 2014086533 A1 20140612

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