

Title (en)

NON-LETHAL BALLISTIC PROJECTILE WITH LUMINOUS MARKING OF THE IMPACT AREA

Title (de)

NICHT TÖDLICHES BALLISTISCHES GESCHOSS MIT LEUCHTMARKIERUNG DES AUFSCHLAGBEREICHES

Title (fr)

PROJECTILE BALISTIQUE NON-LÉTHAL À MARQUAGE LUMINEUX DE LA ZONE D'IMPACT

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2008107215A1] Projectile with luminous marking of the impact area, in particular a medium-calibre or small-calibre projectile, consisting of a hollow cylindrical body (1) in which an inertial mass (2) can move, said inertial mass being subjected to a movement by the positive or negative acceleration involved in the firing process, which movement causes the tearing of a diaphragm (3, 4) separating two chambers (5, 6), each containing a liquid with the potential of emitting light by chemiluminescence when they are mixed together. Upon impact, the light-emitting mixture is expelled to the outside through suitable orifices (21, 23) through the action of internal pressure possibly caused by the chemical generation of gas resulting from the chambers being brought into communication by effect of the diaphragm tearing.

IPC 8 full level

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