

Title (en)
NON-SENSITIVE AMMUNITION

Title (de)
INSENSITIVE MUNITION

Title (fr)
MUNITION INSENSIBLE

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Application
EP 12705063 A 20120216

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Abstract (en)
[origin: WO2012126554A1] The invention provides cartridge ammunition (1), in particular of medium caliber, having a projectile (2) and a propellant charge casing (3) which is connected to the projectile (2), wherein a propellant charge (7) is provided in a propellant chamber (6) of the propellant charge casing (3) and has a functional connection to an igniting cap (11) of an ignition device, which is placed in a plug (14) that can be introduced into a hole (12) in the bottom (13) of the propellant charge casing (3). An annular gap (17, 17') is incorporated between the plug (14) and the propellant charge casing (3), which annular gap is led to the outside through the base (13) of the casing. The annular gap (17, 17') is sealed off with respect to the propellant charge (7) by a ring (16) and consists of a fusible, solid and pressure-tight material, the melting point of which lies at least below the melting point of the ignition temperature of the ignition device and the propellant charge (7). If the ammunition (1) is subjected to an excessively high temperature during the transport, storage, etc. thereof, the fusible material of the securing ring (16) begins to liquefy and passes through the annular gap (17, 17') to the outside. As a result of said measure, the plug (14) is released and loses the mechanical hold to the propellant charge casing (3). As a result, the plug (14) exposes the hole (12), so that a larger opening is produced in the base (13) of the casing.

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