

Title (en)
BARRICADE BREAKER

Title (de)
BARIKADENBRECHER

Title (fr)
PERCE BARRICADE

Publication
EP 1639310 B1 20061108 (DE)

Application
EP 04710769 A 20040213

Priority
CH 2004000084 W 20040213

Abstract (en)
[origin: WO2005078379A1] Barricade breakers are often used in special operations carried out by the police force, army etc. in order to temporarily incapacitate persons that are to be overpowered in closed spaces. The invention relates to a cartridge projectile comprising a penetrator (6), only the front of which breaches an obstacle, upon impact with the latter, (wall, doors, pane of glass etc.) and remains lodged by its casing (6a) in said obstacle. A rear flange (13) prevents full penetration of the target. A non-lethal substance (7) that is stored in the penetrator (6) is pyrotechnically triggered with a time-delay when the projectile is fired, so that it spreads out in a targeted manner behind the obstacle. The projectile is suitable for use in conventional launchers, in particular in hand weapons such as flare pistols and does not cause any actual bodily harm in the vicinity of the target.

IPC 8 full level
F42B 12/08 (2006.01); **F42B 12/46** (2006.01); **F42B 14/06** (2006.01)

CPC (source: EP)
F42B 12/08 (2013.01); **F42B 12/46** (2013.01); **F42B 14/061** (2013.01)

Cited by
WO2013174820A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005078379 A1 20050825; DE 502004001961 D1 20061221; DK 1639310 T3 20070312; EP 1639310 A1 20060329;
EP 1639310 B1 20061108; ES 2276278 T3 20070616; PT 1639310 E 20070228

DOCDB simple family (application)
CH 2004000084 W 20040213; DE 502004001961 T 20040213; DK 04710769 T 20040213; EP 04710769 A 20040213; ES 04710769 T 20040213;
PT 04710769 T 20040213