

Title (en)
IMPACT PART OF A PROJECTILE

Title (de)
AUFSCHLAGTEIL EINES GESCHOSSES

Title (fr)
ELEMENT PERCUTANT D'UN PROJECTILE

Publication
EP 1685363 A1 20060802 (DE)

Application
EP 04797220 A 20041103

Priority
• CH 2004000662 W 20041103
• CH 19352003 A 20031111

Abstract (en)
[origin: WO2005045356A1] The invention relates to the impact part of a projectile which enables the safe activation of piezo ignition systems within a large angle range (α) on the target (Z). Annular shaped recesses with embedded circular rings (3) engage with the target and prevent ricochets therefrom. A thin-walled, spherically shaped tip (2) prevents greater disruptive influences on the subsequent hollow charge (4,5). Said targeted fragmentation on the target is achieved due to the impact part whose dimensions conform to the rules of fracture mechanics.

IPC 8 full level
F42B 12/10 (2006.01); **F42B 10/46** (2006.01); **F42C 19/07** (2006.01)

CPC (source: EP)
F42B 10/46 (2013.01); **F42B 12/105** (2013.01); **F42C 19/07** (2013.01)

Citation (search report)
See references of WO 2005045356A1

Designated contracting state (EPC)
BG CH DE FR GB LI

DOCDB simple family (publication)
WO 2005045356 A1 20050519; CH 696914 A5 20080131; DE 502004011079 D1 20100602; EP 1685363 A1 20060802; EP 1685363 B1 20100421

DOCDB simple family (application)
CH 2004000662 W 20041103; CH 19352003 A 20031111; DE 502004011079 T 20041103; EP 04797220 A 20041103