

Title (en)

Method of identifying a corrected disintegration time of a programmable and frangible projectile

Title (de)

Verfahren zur Bestimmung einer korrigierten Zerlegungszeit eines programmierbar zerlegbaren Geschosses

Title (fr)

Procédé de détermination d'un temps de désintégration corrigé d'un projectile programmable et frangible

Publication

EP 0802391 B1 20001213 (DE)

Application

EP 96118044 A 19961111

Priority

CH 100196 A 19960419

Abstract (en)

[origin: EP0802391A1] The disaggregation time determination involves calculating using an impact distance to a target determined by sensor data. A given disaggregation distance is maintained constant by correcting a disaggregation time. The correction is performed using the equation: $T_z(V_m) = T_z + K \cdot (V_m - V_{ov})$ $T_z(V_m)$ is a corrected disaggregation time. T_z is the disaggregation time. K is a correction factor. V_m is a measured projectile velocity. V_{ov} is a lead velocity of a projectile. The correction factor is determined starting from a flying time (t^*) over a shortest distance between a projectile and a target.

IPC 1-7

F42C 17/04

IPC 8 full level

F42C 9/00 (2006.01); **F42C 17/04** (2006.01)

CPC (source: EP KR US)

F42B 15/00 (2013.01 - KR); **F42C 17/04** (2013.01 - EP US)

Cited by

DE102009011447B9; DE102011106198B3; DE102011018248B3; US6422119B1; WO2012143218A1; WO2012168190A1; EP0992758A1; US6427598B1; EP0992761A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0802391 A1 19971022; EP 0802391 B1 20001213; AT E198103 T1 20001215; AU 716346 B2 20000224; AU 7172796 A 19971023; CA 2190384 A1 19971020; CA 2190384 C 20030930; DE 59606214 D1 20010118; JP 3891619 B2 20070314; JP H09287899 A 19971104; KR 100410718 B1 20040403; KR 970070943 A 19971107; NO 311954 B1 20020218; NO 964757 D0 19961108; NO 964757 L 19971020; SG 83658 A1 20011016; TR 199600952 A1 19971121; US 5834675 A 19981110; ZA 969536 B 19970617

DOCDB simple family (application)

EP 96118044 A 19961111; AT 96118044 T 19961111; AU 7172796 A 19961113; CA 2190384 A 19961114; DE 59606214 T 19961111; JP 31345596 A 19961125; KR 19960054801 A 19961118; NO 964757 A 19961108; SG 1996011114 A 19961113; TR 9600952 A 19961127; US 74932996 A 19961114; ZA 969536 A 19961113