

Title (en)
Igniting system for penetrator projectiles

Title (de)
Zündeinrichtung für Penetratoren

Title (fr)
Système d'allumage pour projectiles à effet cinétique

Publication
EP 0961099 A3 20000823 (DE)

Application
EP 99110091 A 19990522

Priority
• DE 19823795 A 19980528
• DE 19854608 A 19981126

Abstract (en)
[origin: EP0961099A2] The ignition device has acceleration force detectors and an evaluation circuit for processing the sensor signals. The signals are compared with threshold values and generates output signals if the thresholds are exceeded. Cyclically repeating measurement cycles starting after activation of the ignition device involve averaging the acceleration sensor (B) output signal in at least two time steps with mutually offset starting times, evaluating the mean values and logically combining the output parameters (2) of the evaluation process (S/D) depending on time and/or results to derive an ignition signal (Z). An Independent claim is also included for an arrangement for implementing the method for producing the arrangement.

IPC 1-7
F42C 11/06

IPC 8 full level
F42C 11/06 (2006.01)

CPC (source: EP)
F42C 11/06 (2013.01)

Citation (search report)
• [X] US 5255608 A 19931026 - MIN KWANG S [US], et al
• [X] FR 2646504 A1 19901102 - THOMSON BRANDT ARMEMENTS [FR]
• [A] DE 4025563 C1 19910523
• [AD] DE 3426547 A1 19860130 - MESSERSCHMITT BOELKOW BLOHM [DE]
• [A] DE 2528770 A1 19770113 - MESSERSCHMITT BOELKOW BLOHM
• [A] US 4375192 A 19830301 - YATES PATRICK A, et al

Cited by
DE102010027191A1; DE102010034464A1; DE102010034464B4; DE102010027191B4; WO2020246939A1; EP2407748A2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
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