

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  
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• [A] DE 2528770 A1 19770113 - MESSERSCHMITT BOELKOW BLOHM  
• [A] US 4375192 A 19830301 - YATES PATRICK A, et al

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

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DOCDB simple family (application)  
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