

Title (en)
FUSE-ACTUATING DEVICE

Publication
EP 0161460 B1 19880113 (DE)

Application
EP 85104070 A 19850403

Priority
DE 3414841 A 19840419

Abstract (en)
[origin: US4648320A] A detonator triggering device which is located in the head of an underwater projectile, and wherein a pressure receiver which is positioned within an opening in the projectile head is exposed to a dynamic pressure or velocity head. A piezo-ceramic disc which is equipped with electrical contacts is rigidly supported on one side thereof in the head of the projectile, and with its other side contacts against a pressure transmitting member which is supported within the opening in the head. As a result, the dynamic pressure will act against the piezo-ceramic disc. Every change in the dynamic pressure consequently provides for a corresponding change in the charge or change in the voltage of the piezo-ceramic disc. This permits itself to be processed in an electronic evaluating or gating circuit, such that the applicable voltage change is employed as the actuating criteria.

IPC 1-7
F42C 11/02

IPC 8 full level
F42C 11/02 (2006.01)

CPC (source: EP US)
F42C 11/02 (2013.01 - EP US)

Cited by
DE4025563C1; GB2268251A; GB2268251B; FR2903772A1; EP1878995A3; US7661363B2

Designated contracting state (EPC)
BE DE FR GB IT NL SE

DOCDB simple family (publication)
EP 0161460 A1 19851121; EP 0161460 B1 19880113; DE 3414841 A1 19851024; DE 3561421 D1 19880218; DK 133985 A 19851020; DK 133985 D0 19850325; DK 155473 B 19890410; DK 155473 C 19890911; US 4648320 A 19870310

DOCDB simple family (application)
EP 85104070 A 19850403; DE 3414841 A 19840419; DE 3561421 T 19850403; DK 133985 A 19850325; US 71590185 A 19850326