

Title (en)

Autonomous acoustic detonation device.

Title (de)

Autonaume akustische Detonationseinrichtung.

Title (fr)

Dispositif de détonation acoustique et autonome.

Publication

EP 0458178 A2 19911127 (EN)

Application

EP 91107842 A 19910515

Priority

US 52592990 A 19900521

Abstract (en)

An autonomous detonation device comprising an acoustic sensor, a logic circuit, and an output circuit. The invention is capable of discriminating the acoustic signal of an explosion of a primary charge such that it will detonate an explosive shortly thereafter. The invention further incorporates a delay system for safety purposes. <IMAGE>

IPC 1-7

F42C 13/06; F42D 1/05

IPC 8 full level

F42D 1/05 (2006.01)

CPC (source: EP)

F42D 1/05 (2013.01)

Cited by

EP3473974A1; US6247408B1; US10466025B2; WO2017083885A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0458178 A2 19911127; EP 0458178 A3 19921021; CA 2041743 A1 19911122

DOCDB simple family (application)

EP 91107842 A 19910515; CA 2041743 A 19910502