

Title (en)

Two stage flying-plate optic detonator

Title (de)

Zweistufiger, optischer Detonator mit Schlagwirkung

Title (fr)

Détonateur optique à deux étages et à transition choc-détonation

Publication

**EP 1067357 B1 20031105 (FR)**

Application

**EP 00401936 A 20000705**

Priority

FR 9908715 A 19990706

Abstract (en)

[origin: EP1067357A1] The two-stage optical detonator has a first stage (1) containing a pyrotechnic compound (2) and linked via an optical fibre (3) to a laser radiation source. The first and second stage pyrotechnic compounds are separated by a metal plate (7) which has one face in contact with the first stage pyrotechnic compound and the other adjacent to a cavity (8) separating it from the second stage pyrotechnic compound (5). The periphery of the metal plate is in contact with the end (9a) of the second stage compound container (9).

IPC 1-7

**F42B 3/113**; **C06C 7/00**

IPC 8 full level

**C06C 7/00** (2006.01); **F42B 3/113** (2006.01)

CPC (source: EP US)

**C06C 7/00** (2013.01 - EP US); **F42B 3/113** (2013.01 - EP US)

Cited by

EP1306643A1; FR2831659A1; US7051655B1; EP2386819A1; DE102016120539A1; DE202016008788U1

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