

Title (en)

Opto-pyrotechnic demolition application of an installation.

Title (de)

Optopyrotechnische Sprengverwendung einer Installation.

Title (fr)

Application optopyrotechnique de démolition d'une installation.

Publication

EP 0928947 B1 20030806 (FR)

Application

EP 99400012 A 19990105

Priority

FR 9800084 A 19980107

Abstract (en)

[origin: EP0928947A1] Explosives are detonated by outputting a laser signal through fiber optic circuits to the detonators, providing secure and individual firing.

IPC 1-7

F42B 3/113

IPC 8 full level

F42B 3/113 (2006.01)

CPC (source: EP US)

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Cited by

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Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI LU MC PT

DOCDB simple family (publication)

EP 0928947 A1 19990714; EP 0928947 B1 20030806; AT E246796 T1 20030815; DE 69910087 D1 20030911; DE 69910087 T2 20040415; ES 2205715 T3 20040501; FR 2773394 A1 19990709; FR 2773394 B1 20000211; JP 4184517 B2 20081119; JP H11248396 A 19990914; PT 928947 E 20031231; US 6199483 B1 20010313

DOCDB simple family (application)

EP 99400012 A 19990105; AT 99400012 T 19990105; DE 69910087 T 19990105; ES 99400012 T 19990105; FR 9800084 A 19980107; JP 37056598 A 19981225; PT 99400012 T 19990105; US 22208598 A 19981229