

Title (en)

PYROELECTRONIC DETONATOR PROVIDED WITH A CIRCUIT FOR SHUNTING AN ELECTROTHERMAL BRIDGE

Title (de)

MIT EINER SCHALTUNG ZUM NEBENSCHLUSSSCHALTEN EINER ELEKTROTHERMISCHEN BRÜCKE VERSEHENER
PYROELEKTRONISCHER ZÜNDER

Title (fr)

AMORCE PYRO-ELECTRONIQUE A CIRCUIT DE SHUNTAGE DE PONT ELECTROTHERMIQUE

Publication

EP 1831636 B1 20091104 (FR)

Application

EP 05848358 A 20051223

Priority

- FR 2005051145 W 20051223
- FR 0453204 A 20041223

Abstract (en)

[origin: FR2880110A1] The primer has an electric shunt (7) which is disposed in parallel with an electrothermal bridge (4). The electric shunt is controlled by an electronic circuit via a line (6), to permit a selection between closed and open states. The electric shunt has a low electric resistance so as to stop ignition of the primer, in the closed state. The shunting unit has a high resistance in the open state.

IPC 8 full level

F42B 3/182 (2006.01)

CPC (source: EP US)

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Cited by

WO2018031244A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

FR 2880110 A1 20060630; FR 2880110 B1 20070330; AT E447697 T1 20091115; AU 2005321067 A1 20060706;
AU 2005321067 B2 20110922; BR PI0519203 A2 20081230; BR PI0519203 B1 20190108; CA 2592460 A1 20060706; CA 2592460 C 20121127;
DE 602005017516 D1 20091217; EP 1831636 A1 20070912; EP 1831636 B1 20091104; ES 2338246 T3 20100505; NO 20073779 L 20070921;
NO 339395 B1 20161212; PL 1831636 T3 20100831; US 2010000435 A1 20100107; US 8327764 B2 20121211; WO 2006070170 A1 20060706

DOCDB simple family (application)

FR 0453204 A 20041223; AT 05848358 T 20051223; AU 2005321067 A 20051223; BR PI0519203 A 20051223; CA 2592460 A 20051223;
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PL 05848358 T 20051223; US 72254205 A 20051223