

Title (en)  
TIME-PROGRAMMABLE PRIMING DEVICE

Title (de)  
ZÜNDVORRICHTUNG MIT PROGRAMMIERBARER ZÜNDZEIT

Title (fr)  
DISPOSITIF D'AMORCAGE A TEMPS PROGRAMMABLE

Publication  
**EP 0880669 B1 19991103 (FR)**

Application  
**EP 96943151 A 19961220**

Priority  
• FR 9602035 W 19961220  
• FR 9515229 A 19951221

Abstract (en)  
[origin: WO9723761A1] An electrical firing mechanism and specifically a detonator priming device comprising an electric power supply providing a first current (I1) to a circuit which includes means (30) for timing the operation of a firing element (12) that fires a primer (13), and to means (35) for generating a second current (I2) after the end of the timing period, said second current (I2) being sufficient to actuate said element (12) whereas the first current (I1) from the power supply is not.

IPC 1-7  
**F42C 11/06**

IPC 8 full level  
**F42C 11/06** (2006.01)

CPC (source: EP)  
**F42C 11/065** (2013.01)

Cited by  
US6748869B1

Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB IT LI NL PT SE

DOCDB simple family (publication)  
**WO 9723761 A1 19970703**; AT E186392 T1 19991115; CA 2241810 A1 19970703; DE 69605060 D1 19991209; DE 69605060 T2 20000224; EP 0880669 A1 19981202; EP 0880669 B1 19991103; ES 2140917 T3 20000301; FR 2742859 A1 19970627; FR 2742859 B1 19980220; NO 983732 D0 19980814; NO 983732 L 19980818

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