

Title (en)  
TIMER-CONTROLLED CLAMP FOR INITIATION ELEMENTS

Title (de)  
TIMER-GESTEUERTE KLAMMER FÜR EINLEITUNGSELEMENTE

Title (fr)  
CALEUR COMMANDE PAR TEMPORISATEUR POUR ELEMENTS INITIATEURS

Publication  
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Application  
**EP 03765830 A 20030721**

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Abstract (en)  
[origin: WO2004010554A2] This invention relates to protective circuitry (12) for electrical initiation elements (10) and finds utility in preventing inadvertent functioning of electrical bridge-initiation elements, such as semiconductor bridges (SCBs), bridgewires, etc., by transient environmental electrical signals. The protective circuitry (12) of this invention comprises a timer portion (14) and a clamping portion (16) and is designed to divert from the electrical initiation element (10) at least a portion of an electrical signal received at the input nodes (10a, 10b) thereof for a suitable time interval that corresponds to the duration of an expected transient signal, which is typically significantly smaller than the duration of a proper initiation signal.

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Citation (search report)  
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• [X] US 6249410 B1 20010619 - KER MING-DOU [TW], et al  
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• [A] US 6192802 B1 20010227 - BAGINSKI THOMAS A [US], et al  
• [A] US 3589294 A 19710629 - STRESAU RICHARD H F  
• [A] US 5631793 A 19970520 - KER MING-DOU [TW], et al  
• See references of WO 2004010554A2

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DE FR GB IT SE

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