

Title (en)  
Squib

Title (de)  
Zünder

Title (fr)  
Détonateur

Publication  
**EP 1544570 A1 20050622 (EN)**

Application  
**EP 04029744 A 20041215**

Priority  
JP 2003419478 A 20031217

Abstract (en)  
A squib (1) enables a heat generating portion (3) to be protected from noise even if momentary noise is applied, thereby enabling reliability to thereby be increased. The squib (1) has a heat generating portion (3) that has an energizing portion (11) and a fuel portion (12), and that is formed such that heat that is generated by supplying current to the energizing portion (11) can be transmitted to the fuel portion (12). The squib (1) includes a noise removal device (15) that is connected in parallel with the heat generating portion (3), and a circuit element (13) that temporally scatters noise in the noise removal device (15). <IMAGE>

IPC 1-7  
**F42B 3/182**

IPC 8 full level  
**F42B 3/182** (2006.01)

CPC (source: EP US)  
**F42B 3/182** (2013.01 - EP US)

Citation (applicant)  
• US 5847309 A 19981208 - BAGINSKI THOMAS A [US]  
• US 5905266 A 19990518 - LARDUINAT XAVIER [US], et al  
• US 6192802 B1 20010227 - BAGINSKI THOMAS A [US], et al

Citation (search report)  
• [X] US 5309841 A 19940510 - HARTMAN J KEITH [US], et al  
• [X] US 4967665 A 19901106 - BAGINSKI THOMAS A [US]

Cited by  
WO2012087866A1; US9243877B2

Designated contracting state (EPC)  
DE GB

DOCDB simple family (publication)  
**EP 1544570 A1 20050622; EP 1544570 B1 20071017**; DE 602004009519 D1 20071129; DE 602004009519 T2 20080207;  
US 2005132919 A1 20050623

DOCDB simple family (application)  
**EP 04029744 A 20041215**; DE 602004009519 T 20041215; US 90509504 A 20041215