

Title (en)  
PYROTECHNIC CIRCUIT-BREAKING ELEMENT FOR ELECTRIC CIRCUITS

Title (de)  
PYROTECHNISCHES SICHERUNGSELEMENT FÜR STROMKREISE

Title (fr)  
ELEMENT COUPE-CIRCUIT PYROTECHNIQUE POUR CIRCUITS

Publication  
**EP 0895644 B1 19991110 (DE)**

Application  
**EP 97921730 A 19970424**

Priority  
• DE 19616993 A 19960427  
• EP 9702081 W 19970424

Abstract (en)  
[origin: DE19616993A1] A pyrotechnic circuit-breaking element (10) for electric circuits has at least one current conductor (16). The pyrotechnic circuit-breaking element (10) also has a sectioning device (18) that can be pyrotechnically operated and has at least one sectioning element (22) for sectioning the current conductor (16). The sectioning element (22) can be moved towards and through a separation section (30) of the current conductor when a pyrotechnic charge (24) is fired. In the area of its separation section (3), the current conductor (16) is designed in a single piece. The current conductor (16) has in its separation section (30) a cross-sectional area which is smaller than its cross-sectional area away from its separation section (30).

IPC 1-7  
**H01H 39/00**

IPC 8 full level  
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