

Title (en)  
ELEMENT FOR INITIATING PROPELLANT

Title (de)  
TREIBLADUNGSZÜNDERELEMENT

Title (fr)  
ELEMENT D'AMORCE POUR CHARGE

Publication  
**EP 1461511 A1 20040929 (EN)**

Application  
**EP 02796159 A 20021217**

Priority  
• ZA 0200212 W 20021217  
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Abstract (en)  
[origin: WO03056133A1] Apparatus for breaking rock which includes a cartridge (16) which forms an enclosure, a propellant (24) inside the enclosure, and at least one element (26) which is electrically energisable and which is made from inert material exposed to the propellant.

IPC 1-7  
**E21C 37/14**

IPC 8 full level  
**E21C 37/14** (2006.01)

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Citation (search report)  
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CA 2471716 A1 20030710; DE 60206965 D1 20051201; DE 60206965 T2 20060803; EP 1461511 A1 20040929; EP 1461511 B1 20051026;  
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