

Title (en)

ROCK CRACKER CARTRIDGE AND IGNITION CAPSULE

Title (de)

STEINBRECHKARTUSCHE UND ZÜNDKAPSEL

Title (fr)

CARTOUCHE POUR ÉCLATER DE LA ROCHE ET CAPSULE D'ALLUMAGE

Publication

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Application

EP 11740105 A 20110118

Priority

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- SE 2011050051 W 20110118

Abstract (en)

[origin: WO2011096872A1] A rock cracker cartridge (1) contains a cracking powder charge (6) and an ignition capsule (30) with an ignition powder charge (29) in an ignition unit sleeve (31) which does not possess the mechanical strength that would be required for the ignition powder charge to be exploded in the open air when ignited. In the rock cracker cartridge there is also provided an ignition assembly sleeve (7a) which surrounds the ignition unit sleeve when the rock cracker cartridge is primed. In combination, the assembly which surrounds the cracking powder charge, and which comprises the ignition unit sleeve and the ignition assembly sleeve, has a sufficient strength for an adequate pressure to be developed in the assembly such that the ignition powder charge will explode and generate a flame of fire and the ignition unit sleeve as well as the ignition assembly sleeve be penetrated by the pressure and the flame of fire, said flame of fire igniting the cracking powder charge.

IPC 8 full level

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CPC (source: EP SE US)

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