

Title (en)
EXPLOSIVE CARTRIDGE

Title (de)
SPRENGSTOFFPATRONE

Title (fr)
CARTOUCHE EXPLOSIVE

Publication
EP 1725827 A1 20061129 (EN)

Application
EP 05711154 A 20050302

Priority
• SE 2005000296 W 20050302
• SE 0400682 A 20040318

Abstract (en)
[origin: WO2005088236A1] An explosive cartridge includes a substantially cylindrical sleeve (2) having an end wall (6) sealing a first end of the sleeve, an end unit (3) inserted in the sleeve to a certain depth in a second end of the sleeve, said end unit having an inner side (4) facing the interior of the sleeve and an outer side (5) on the opposite side of the end unit, a chamber (7) in the sleeve between said end wall and said inner side, said chamber being filled with a blasting agent (8), a channel (10) extending through the end unit between an outer mouth (11) and an inner mouth (12), said channel comprising a seat (13) for a priming cartridge (14), and a priming cartridge accommodated in the seat, said priming cartridge containing a detonating explosive for the firing of the blasting agent in said chamber. At least one spacing member (20), protruding in the axial direction, is provided on the outer side of the end wall (6) in the first end of the explosive cartridge and/or on the end unit in the second end of the explosive cartridge, such that an intermediate space (28) is formed between the outer side (5) of a first, lower explosive cartridge and the under side of the end wall of a second, upper explosive cartridge resting on the first explosive cartridge, when the two cartridges are entered in a drill hole (24) in order to be detonated, and at least one passage (21) is provided in the radial direction, passing said spacing member, allowing communication between said intermediate space and the surrounding space (27) in the drill hole.

IPC 8 full level
F42D 1/02 (2006.01); **F42D 3/04** (2006.01)

IPC 8 main group level
F42B (2006.01)

CPC (source: EP US)
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Citation (search report)
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