

Title (en)
EXPLOSIVE CHARGE

Title (de)
SPRENGLADUNG

Title (fr)
CHARGE EXPLOSIVE

Publication
EP 2414768 A1 20120208 (EN)

Application
EP 10711703 A 20100326

Priority
• GB 2010050514 W 20100326
• GB 0905688 A 20090401

Abstract (en)
[origin: GB2469099A] An explosive charge 1 comprises an elongate casing 2 with elongate grooves 3, 4 running along the casing 2, each groove 3, 4 locally reducing the thickness of the casing 2. The grooves 3, 4 are distributed in two or more groups around the circumference of the casing 2 and the edge-to-edge spacing between each adjacent pair of grooves 3, 4 in a group is less than the edge-to-edge spacing between each pair of adjacent groups. Detonation causes the casing to break at a pair of grooves 3, 4 in one of the groups and form a fragment from material between the pair of grooves 3, 4, the fragment cutting an obstacle.

IPC 8 full level
F42B 3/02 (2006.01); **F41H 11/11** (2006.01); **F41H 11/14** (2006.01)

CPC (source: EP GB US)
F41H 11/11 (2013.01 - EP US); **F42B 1/02** (2013.01 - GB); **F42B 3/00** (2013.01 - GB); **F42B 3/02** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
GB 0905688 D0 20090520; GB 2469099 A 20101006; GB 2469099 B 20130123; AU 2010200277 A1 20101021; AU 2010200277 B2 20111201;
CA 2757111 A1 20101007; EP 2414768 A1 20120208; HK 1146311 A1 20110527; US 2012090491 A1 20120419; WO 2010112900 A1 20101007

DOCDB simple family (application)
GB 0905688 A 20090401; AU 2010200277 A 20100125; CA 2757111 A 20100326; EP 10711703 A 20100326; GB 2010050514 W 20100326;
HK 11100462 A 20110118; US 201013258815 A 20100326