

Title (en)
Downhole perforation tool

Title (de)
Bohrloch-Perforatorwerkzeug

Title (fr)
Outil de perforation de trous de forage

Publication
EP 2341212 A1 20110706 (EN)

Application
EP 09180919 A 20091229

Priority
EP 09180919 A 20091229

Abstract (en)

The present invention relates to a downhole perforation tool for detonation of at least one charge (2) downhole to perforate a casing, the tool having a longitudinal direction (l), comprising an outer face (3), at least one recess (4) provided in the outer face of the tool, at least one charge (2) arranged in the recess (4), a plurality of planes transverse to the longitudinal direction (l) of the tool, and a charge holder part (5) for holding at least part of the charge. The invention furthermore relates to a method for perforating a casing downhole.

IPC 8 full level
E21B 43/119 (2006.01); **E21B 43/117** (2006.01)

CPC (source: EP US)
E21B 43/117 (2013.01 - EP); **E21B 43/119** (2013.01 - EP US)

Citation (search report)

- [XY] US 2494256 A 19500110 - MORRIS MUSKAT, et al
- [Y] US 2005178551 A1 20050818 - TOLMAN RANDY C [US], et al
- [Y] US 4676309 A 19870630 - GONZALEZ MANUEL E [US]
- [X] US 2758543 A 19560814 - GRANDIN CLARENCE W
- [A] US 5033553 A 19910723 - MISZEWSKI ANTONI K L [US], et al
- [A] US 2005150687 A1 20050714 - VICENTE JOSE G [US], et al
- [A] DE 19807386 A1 19980903 - DYNAMIT NOBEL AG [DE], et al

Cited by
US9845666B2; US9562421B2; WO2016115452A1

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

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2341212 A1 20110706; WO 2011080291 A2 20110707; WO 2011080291 A3 20110909

DOCDB simple family (application)
EP 09180919 A 20091229; EP 2010070834 W 20101229