

Title (en)

Multidirectional wellbore penetration system and methods of use

Title (de)

Multidirektionales Bohrlocheindringsystem und Verwendungsverfahren

Title (fr)

Système de pénétration de forage multidirectionnel et procédés d'utilisation

Publication

EP 2682561 A2 20140108 (EN)

Application

EP 13175427 A 20130705

Priority

US 201261668713 P 20120706

Abstract (en)

A drilling assembly (100) includes a hydraulic jet (102) disposed on a downhole end of a fluid line (108), and one or more adjustable jet nozzles (104, 106) on the hydraulic jet (102) in multiple angular orientations relative to a central axis of the hydraulic jet (102). The one or more adjustable jet nozzles (104, 106) provide fluid pressure to penetrate a formation (5) and cut one or more angular channels (12).

IPC 8 full level

E21B 7/18 (2006.01)

CPC (source: EP US)

E21B 7/065 (2013.01 - US); **E21B 7/18** (2013.01 - EP US); **E21B 29/002** (2013.01 - US)

Cited by

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Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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EP 13175427 A 20130705; EA 201300677 A 20130705; US 201313935618 A 20130705