

Title (en)

DRILL BIT FOR HORIZONTAL DIRECTIONAL DRILLING

Title (de)

BOHRKRONE FÜR HORIZONTALES RICHTBOHREN

Title (fr)

TRÉPAN DE FORAGE POUR FORAGE DIRECTIONNEL HORIZONTAL

Publication

EP 3102772 A4 20171115 (EN)

Application

EP 15745800 A 20150206

Priority

- US 201461937221 P 20140207
- US 2015014880 W 20150206

Abstract (en)

[origin: US2015226007A1] A bit body for a drill bit for horizontal directional drilling includes a pair of legs and a small wedge member disposed between the pair of legs. A roller cone is rotatably mounted to each bearing shaft extending from a respective leg. The roller cones support full coverage cutting structures. A center jet nozzle is configured to direct drilling fluid between the pair of roller cones. A stabilizer member maintains an upright drilling position of the drill bit within the borehole.

IPC 8 full level

E21B 10/08 (2006.01); **E21B 10/18** (2006.01); **E21B 10/62** (2006.01)

CPC (source: EP US)

E21B 7/065 (2013.01 - EP US); **E21B 10/18** (2013.01 - EP US); **E21B 10/50** (2013.01 - EP US)

Citation (search report)

- [X] US 1656471 A 19280117 - CHILDS WILLIAM L, et al
- [A] US 2873092 A 19590210 - DWYER ROY P
- [A] US 1263802 A 19180423 - REED CLARENCE EDW [US]

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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