

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]
- See references of WO 2015120311A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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WO 2015120311 A1 20150813

DOCDB simple family (application)

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