

Title (en)

Tool, facility and method for making horizontal boreholes

Title (de)

Werkzeug, Anlage und Verfahren zur Erzeugung von waagrechten Bohrungen

Title (fr)

Outil, installation et procédé pour la réalisation de forages horizontaux

Publication

**EP 2497896 A1 20120912 (FR)**

Application

**EP 12158151 A 20120306**

Priority

FR 1100674 A 20110307

Abstract (en)

The tool (14) has an upstream face (15) comprising a connection unit that is formed of a threaded end fitting (17) to connect the upstream face to a rotary guiding head (21), and an arm comprising a proximal part fixed with respect to a rotational axis (13). The guiding head comprises a proximal end and a distal end, and is provided with a conical thread coupled with the threaded end fitting. The arm comprises a distal part that is pivotably mounted on the proximal part. The upstream face is arranged with respect to a working direction of the tool. Independent claims are also included for the following: (1) a horizontal drilling installation (2) a horizontal drilling method.

Abstract (fr)

L'invention concerne un outil de forage (14) de foreuse à tarières ou de micro-tunnelier ayant une face amont (15), par référence à la direction de travail dudit outil, et une face aval (16) opposée, caractérisé en ce que ladite face amont (15) comporte des moyens de connexion à une tige de guidage (21), rotative, motrice. Cette tige de guidage est entraînée par une foreuse horizontale dirigée et l'outil peut être une tête de forage d'une foreuse à tarières.

IPC 8 full level

**E21B 7/28** (2006.01); **E21B 7/04** (2006.01); **E21B 7/20** (2006.01); **E21B 10/26** (2006.01); **E21B 19/24** (2006.01)

CPC (source: EP US)

**E21B 7/04** (2013.01 - EP); **E21B 7/20** (2013.01 - EP); **E21B 7/28** (2013.01 - EP); **E21B 10/26** (2013.01 - EP US); **E21B 19/24** (2013.01 - EP)

Citation (search report)

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Designated contracting state (EPC)

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Designated extension state (EPC)

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