Title (en)

METHOD AND DEVICES FOR TRENCHLESS PIPELINE LAYING

Title (de)

VERFAHREN UND VORRICHTUNGEN ZUR GRABENLOSEN VERLEGUNG VON ROHRLEITUNGEN

Title (fr)

PROCÉDÉ ET DISPOSITIFS DE POSE SANS TRANCHÉDE CONDUITES

Publication

EP 2013438 A1 20090114 (DE)

Application

EP 07722759 A 20070119

Priority

- EP 2007000460 W 20070119
- DE 102006020339 A 20060428

Abstract (en)

[origin: US2009185866A1] With a method for trenchless pipe laying a pipeline (8) is constructed form a starting point (1) to a goal point (3) undercrossing an obstacle (9) wherein the constructing of a bore hole (12) and laying the prefabricated pipeline (8), which is constructed in one piece on surface, are done in one work step, wherein at the front end of the pipeline (8) a steerable drilling device (6) is arranged, wherein a pipe thrusting device (5) is arranged at the starting point (1) applying forces from the outside to the pipeline (8) via traction preferably fiction by pushing the pipeline (8) from a starting point (1) to a goal point (3), wherein at the same time the necessary contact forces for drilling are transferred, wherein the cuttings produced during the drilling by the drilling device (6) are removed and transported hydraulically out of the bore hole (12) via a transport line inside the pipeline (8), and wherein the annular space between pipeline (8) and bore hole wall (11) created during drilling is continuously filled with a drilling suspension.

IPC 8 full level

E21B 7/04 (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2007124789A1

Cited by

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