

Title (en)

Process for laying a pipeline through an earth mass.

Title (de)

Verfahren zum Verlegen einer Rohrleitung durch den Erdboden.

Title (fr)

Procédé pour poser un conduit au travers du sol.

Publication

EP 0360321 A1 19900328 (EN)

Application

EP 89202233 A 19890904

Priority

NL 8802302 A 19880916

Abstract (en)

Process for laying a pipeline (12) according to a curved path (3) through an earth mass(1) by first moving a drill(4) and a series of pipe sections (5) in one direction,mounting a reamer (9) to the drill and returning in the opposite direction with the pipeline (12) connected to the reamer (9),said reamer being open at the front (10) but closed at the rear adjacent a rotational coupling with the pipeline(12) and at said closed end connected to a dichargeline(11). During pulling of the reamer and pipeline by the drill-series water under pressure is fed to the reamer (9) and the pulling force is kept in balance with the waterpressure at the reamer (9) and the counterpressure in the dichargeline (11). Lubrication of the outside of the pipeline is limited,sothat no lubricant,such as bentonite leaves the drilled hole.

IPC 1-7

E21B 7/20; **E21B 7/28**; **E21B 21/08**

IPC 8 full level

E21B 7/20 (2006.01); **E21B 7/28** (2006.01); **E21B 21/00** (2006.01); **E21B 21/08** (2006.01); **E21B 21/12** (2006.01)

CPC (source: EP US)

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Citation (search report)

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