

Title (en)

Method and boring ram for laying service lines without excavation.

Title (de)

Verfahren und Rammbohrgerät zum grabenlosen Verlegen von Versorgungsleitungen.

Title (fr)

Procédé et mouton de forage pour la pose de conduites de services sans excavation.

Publication

EP 0353442 B1 19940202 (DE)

Application

EP 89111259 A 19890621

Priority

DE 3826513 A 19880804

Abstract (en)

[origin: EP0353442A2] In a method for laying service lines in the ground without excavation by means of a boring ram (1, 101, 201), old lines (6, 106, 206) lying in the ground are replaced with new service lines without having to rip up the ground or destroy the old line (6, 106, 206) in the ground, and it is possible to lay the new line accurately in a precise position when the boring ram (1, 101, 201) has a guiding bore (5, 105, 205) extending axially through the ram housing (2) and is guided on the old line (6, 106, 206). <IMAGE>

IPC 1-7

E21B 7/26; E21B 7/28; E21B 7/20

IPC 8 full level

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CPC (source: EP US)

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Cited by

EP0496981A3; AU2015365623B2; US10199807B2; WO2011067360A1; US9859693B2; WO2016097770A1; WO9811321A1

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