

Title (en)

Apparatus and method for measuring the diameter of a body obtained in the ground by high pressure injection

Title (de)

Vorrichtung und Verfahren zum Messen des Durchmessers eines mittels Hochdruckinjektion im Erdreich hergestellten Körpers

Title (fr)

Dispositif et procédé pour mesurer le diamètre d'un corps obtenu dans le sol par injection à haute pression

Publication

EP 0940559 A3 20020925 (DE)

Application

EP 99250063 A 19990304

Priority

- DE 19809596 A 19980306
- DE 19834731 A 19980731

Abstract (en)

[origin: EP0940559A2] The measuring device has a measuring line (5) wound onto a spool (4) held under tension. A float (6) or flow body is fastened to one end of the line. While an injection jet (10), which causes the high pressure injection, is emitted, the float is brought into the jet and can be held there. The measuring device has a device (7) for determining how much of the line has unwound. The line can be re-wound. Independent claims also cover a method for determining the diameter of the high pressure injection body.

IPC 1-7

E21B 47/08; **E21B 23/14**; **E21B 7/18**; **E02D 3/12**

IPC 8 full level

E02D 1/08 (2006.01); **E02D 5/34** (2006.01); **E02D 5/42** (2006.01); **E21B 23/14** (2006.01); **E21B 47/08** (2012.01)

CPC (source: EP)

E02D 1/08 (2013.01); **E02D 5/34** (2013.01); **E02D 5/42** (2013.01); **E21B 23/14** (2013.01); **E21B 47/08** (2013.01); **E02D 2250/003** (2013.01); **E02D 2300/002** (2013.01)

Citation (search report)

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- [AD] DE 4429917 A1 19960229 - KELLER GRUNDBAU GMBH [DE]
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