

Title (en)

Method for supplying power to measure and/or control devices of drilling machines and a drilling machine

Title (de)

Verfahren zur Energieversorgung von Mess- und/oder Steuereinrichtungen im Bereich des Bohrkopfes von Vortriebsmaschinen sowie Vortriebsmaschine

Title (fr)

Procédé d'alimentation d'énergie pour dispositifs de mesure et/ou commande d'une machine de forage et machine de forage

Publication

**EP 0837218 A3 19990825 (DE)**

Application

**EP 97890199 A 19971007**

Priority

AT 182996 A 19961018

Abstract (en)

[origin: EP0837218A2] The energy supply method is used for measuring and/or control devices positioned adjacent the bore head of the horizontal boring machine, by utilising the rotation of the feed screw (2) for driving an electrical generator (11) via a cogwheel mechanism (10). The electrical supply can be maintained when the bore head is at a standstill by using energy storage capacitors or batteries, the electrical supply system contained within a protective sleeve (6) adjacent the bore head.

IPC 1-7

**E21B 47/12**; **E21B 7/04**

IPC 8 full level

**E21B 41/00** (2006.01); **E21F 17/06** (2006.01)

CPC (source: EP)

**E21B 41/0085** (2013.01); **E21F 17/06** (2013.01)

Citation (search report)

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- [A] US 4562560 A 19851231 - KAMP ANTHONY W [NL]
- [A] US 4532614 A 19850730 - PEPPERS JAMES M [US]
- [A] US 5313103 A 19940517 - HICKEY JOHN J [US]

Designated contracting state (EPC)

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DOCDB simple family (publication)

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