

Title (en)

SUBSURFACE PROBE SYSTEM FOR CHEMICAL AND MINERAL EXPLORATION

Title (de)

UNTERGRUNDSONDE FÜR CHEMISCHE UND KOHLENWASSERSTOFF-ERKUNDUNG

Title (fr)

SYSTEME DE SONDE SOUTERRAINE POUR EXPLORATION CHIMIQUE ET MINERALE

Publication

EP 0973992 A1 20000126 (EN)

Application

EP 97922678 A 19970505

Priority

- US 9707613 W 19970505
- US 64621196 A 19960507
- US 80402297 A 19970221
- US 84594597 A 19970429

Abstract (en)

[origin: WO9837301A1] The present invention is a subsurface probe system (1-3) for providing information about the material below a surface. The probe includes a housing (2) and a means (1) for heating the surrounding material. The heat melts the surrounding material to allow the probe to descend. The probe provides information to the surface by a wire or other means (3, 21, 22, 30) for carrying information. The wire (3, 21, 22, 30) is stored on the probe and deploys as the probe descends.

IPC 1-7

E21B 7/15; **E21B 47/00**; **E21B 49/00**

IPC 8 full level

E21B 7/15 (2006.01); **E21B 7/26** (2006.01); **E21B 47/12** (2012.01)

CPC (source: EP US)

E21B 7/15 (2013.01 - EP); **E21B 7/267** (2020.05 - EP US); **E21B 47/12** (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

WO 9837301 A1 19980827; AU 2828497 A 19980909; AU 718865 B2 20000420; BR 9709061 A 19990803; CA 2253227 A1 19980827; EP 0973992 A1 20000126; EP 0973992 A4 20000426; NO 985190 D0 19981106; NO 985190 L 19981106

DOCDB simple family (application)

US 9707613 W 19970505; AU 2828497 A 19970505; BR 9709061 A 19970505; CA 2253227 A 19970505; EP 97922678 A 19970505; NO 985190 A 19981106