

Title (en)

Waterproof electrical connection device for electrodes by shielded cables and petrophysical measuring system

Title (de)

Wasserdichte elektrische Verbindungsvorrichtung für Elektroden mit geschirmten Kable und System für Petrophysicalische Messungen

Title (fr)

Dispositif de connexion électrique étanche d'électrodes par cable blinde et système pour mesures petrophysiques utilisant le dispositif

Publication

**EP 1160932 A1 20011205 (FR)**

Application

**EP 01401295 A 20010517**

Priority

FR 0007123 A 20000602

Abstract (en)

A tubular protector sleeve (M) is fastened to wall (18) of an enclosure. Plugs (24,28) are connected to electrodes (E,15) with a base plate that fits into inner cavity of the sleeve. The plug is electrically connected to core (21) of shielded cable inside a metal tube (23). Seals (19,25) are provided to insulate the inside of the enclosure from outside and inner cavity of the tubular sleeve. An Independent claim is also included for physical quantity measurement system.

IPC 1-7

**H01R 13/646**

IPC 8 full level

**H01R 13/646** (2006.01); **H01R 13/52** (2006.01)

CPC (source: EP US)

**H01R 24/52** (2013.01 - EP US); **H01R 13/5205** (2013.01 - EP US)

Citation (search report)

- [XY] EP 0768736 A2 19970416 - KABELMETAL ELECTRO GMBH [DE]
- [DY] EP 0974839 A1 20000126 - INST FRANCAIS DU PETROLE [FR]

Cited by

CN105116262A

Designated contracting state (EPC)

GB IT NL

DOCDB simple family (publication)

**EP 1160932 A1 20011205**; CA 2349396 A1 20011202; FR 2809821 A1 20011207; FR 2809821 B1 20020920; NO 20012733 D0 20010601; NO 20012733 L 20011203; US 2001046811 A1 20011129; US 6571606 B2 20030603

DOCDB simple family (application)

**EP 01401295 A 20010517**; CA 2349396 A 20010531; FR 0007123 A 20000602; NO 20012733 A 20010601; US 86663301 A 20010530