

Title (en)

A DEVICE FOR DETECTING THE PROXIMITY OF AN UNDERGROUND CABLE DURING DIGGING OR BORING

Title (de)

VORRICHTUNG ZUR FESTSTELLUNG DER NÄHE EINES UNTERIRDISCHEN KABELS WÄHREND GRAB- ODER BOHRARBEITEN

Title (fr)

DISPOSITIF PERMETTANT DE DETECTER LA PROXIMITE D'UN CABLE SOUTERRAIN AU COURS DU CREUSAGE OU DU FORAGE

Publication

**EP 1196663 A1 20020417 (EN)**

Application

**EP 00940710 A 20000706**

Priority

- IE 0000085 W 20000706
- IE 990565 A 19990707

Abstract (en)

[origin: WO0104427A1] A device for detecting the proximity of an underground cable conduit during digging or boring, comprises a microphone (10) locatable within a conduit (11), within a conduit access chamber (12). The microphone (10) is in communication, through a radio transmitter unit (13), with a detector unit (19) located in a digging machine (20). In use, a sound picked up by the microphone (10) due to digging adjacent the conduit (11) is converted into a warning signal detectable by a machine operator (22), located in the digging machine (20). As soon as the warning signal is detected the digging operator can be halting thus avoiding damage to the underground cable.

IPC 1-7

**E02F 9/24**

IPC 8 full level

**E02F 9/24** (2006.01)

CPC (source: EP)

**E02F 9/245** (2013.01)

Citation (search report)

See references of WO 0104427A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 0104427 A1 20010118**; AU 5560800 A 20010130; EP 1196663 A1 20020417; IE 990565 A1 20010221

DOCDB simple family (application)

**IE 0000085 W 20000706**; AU 5560800 A 20000706; EP 00940710 A 20000706; IE 990565 A 19990707