

Title (en)

Device for forming a trench in the soil

Title (de)

Anordnung zum Ausbilden einer Erdrinne

Title (fr)

Dispositif pour former des tranchées dans le sol

Publication

**EP 1167636 B1 20040728 (DE)**

Application

**EP 01114286 A 20010613**

Priority

- EP 01114286 A 20010613
- EP 00113215 A 20000621

Abstract (en)

[origin: EP1167636A1] The mobile assembly to dig a trench to lay a buried water pipe, in a continuous forward movement, has at least one support (16,17) with angular adjustment units (20,21) to set the supports at an angle across the trench against the center frame (11). The supports have a variable length, to set the gaps between the running rollers (14) and the excavator (13) as a rotating disk or a chain digger.

IPC 1-7

**E02F 5/10**; **E02F 3/08**; **E02F 5/14**; **E02F 9/02**

IPC 8 full level

**E02F 3/08** (2006.01); **E02F 5/10** (2006.01); **E02F 5/14** (2006.01); **E02F 9/02** (2006.01)

CPC (source: EP)

**E02F 3/08** (2013.01); **E02F 3/086** (2013.01); **E02F 3/088** (2013.01); **E02F 5/06** (2013.01); **E02F 5/08** (2013.01); **E02F 5/109** (2013.01); **E02F 5/14** (2013.01); **E02F 9/028** (2013.01)

Cited by

DE102016111012A1; DE102016111012B4; GB2495950A; GB2497729A; IT202100019700A1; US9945097B2; US9273446B2; US7841802B2; US10435865B2; EP1277889A1; WO2023002448A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 1167636 A1 20020102**; **EP 1167636 B1 20040728**

DOCDB simple family (application)

**EP 01114286 A 20010613**