

Title (en)

GROUND TRACKING SYSTEMS AND APPARATUS

Title (de)

BODENVERFOLGUNGSSYSTEME UND VORRICHTUNG

Title (fr)

SYSTÈMES ET APPAREIL DE SUIVI AU SOL

Publication

**EP 2831642 A2 20150204 (EN)**

Application

**EP 13722160 A 20130326**

Priority

- US 201261615810 P 20120326
- US 201361779830 P 20130313
- US 201361783011 P 20130314
- US 201361784854 P 20130314
- US 201361781889 P 20130314
- US 201361799021 P 20130315
- US 2013033924 W 20130326

Abstract (en)

[origin: WO2013148714A2] A ground tracking system including a ground follower assembly for use with a locator or other device for determining position, motion, and/or orientation information is disclosed. The ground follower assembly may include a wheel assembly coupled to a locator and configured to swivel and/or pivot relative to an antenna node of the locator to generate signals for use in determining position information during a locate operation, such as from a sonde array.

IPC 8 full level

**G01V 3/10** (2006.01); **G01C 7/04** (2006.01); **G01C 21/12** (2006.01); **G01V 3/15** (2006.01); **G05D 1/03** (2006.01)

CPC (source: EP)

**G01C 7/04** (2013.01); **G01V 3/104** (2013.01); **G01V 3/15** (2013.01)

Citation (search report)

See references of WO 2013148714A2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2013148714 A2 20131003**; **WO 2013148714 A3 20140220**; EP 2831642 A2 20150204

DOCDB simple family (application)

**US 2013033924 W 20130326**; EP 13722160 A 20130326