

Title (en)

WIRELESS SYSTEMS AND METHODS FOR SEISMIC DATA ACQUISITION

Title (de)

DRAHTLOSE SYSTEME UND VERFAHREN ZUR SEISMISCHEN DATENBESCHAFFUNG

Title (fr)

SYSTEMES ET PROCEDES SANS FIL D'ACQUISITION DE DONNEES SISMIQUES

Publication

EP 2059835 A2 20090520 (EN)

Application

EP 07814834 A 20070913

Priority

- US 2007078342 W 20070913
- US 84463306 P 20060914
- US 68388307 A 20070308

Abstract (en)

[origin: WO2008033969A2] Systems and methods for acquiring seismic data are described, one system comprising one or more vibrators, one or more base stations, a land seismic data recording station, and a sensor system for acquiring and/or monitoring land-seismic sensor data, the sensor system comprising a plurality of sensor modules each comprising a seismic sensor, wherein the seismic sensors transmit at least a portion of the data to the one or more base stations which in turn transmit at least some data they receive to the recording station, and wherein all communication between the vibrators, base stations, recording station, and seismic sensors is completely wireless. This abstract is provided to comply with rules requiring an abstract, and to quickly ascertain the subject matter of the technical disclosure. It is submitted with the understanding that it will not be used to interpret or limit the scope or meaning of the claims.

IPC 8 full level

G01V 1/22 (2006.01)

CPC (source: EP)

G01V 1/223 (2013.01)

Citation (search report)

See references of WO 2008033969A2

Designated contracting state (EPC)

FR GB

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

WO 2008033969 A2 20080320; WO 2008033969 A3 20090122; EG 25450 A 20120109; EP 2059835 A2 20090520

DOCDB simple family (application)

US 2007078342 W 20070913; EG 2009030330 A 20090312; EP 07814834 A 20070913