

Title (en)

RECEIVER COIL ASSEMBLY WITH AIR AND FERROMAGNETIC CORED SENSORS FOR GEOPHYSICAL SURVEYING

Title (de)

EMPFANGSSPULENANORDNUNG MIT LUFT UND SENSOREN MIT FERROMAGNETISCHEM KERN FÜR GEOPHYSIKALISCHE VERMESSUNGEN

Title (fr)

ENSEMBLE BOBINE RÉCEPTRICE AVEC CAPTEURS À AIR ET À NOYAU FERROMAGNÉTIQUE POUR RELEVÉS GÉOPHYSIQUES

Publication

EP 2850464 A4 20160518 (EN)

Application

EP 12876812 A 20120517

Priority

CA 2012050322 W 20120517

Abstract (en)

[origin: WO2013170340A1] A receiver coil assembly for performing geophysical surveys, including a hollow outer shell defining a continuous internal passage that forms a loop; a multiturn receiver air coil extending around the continuous internal passage; and a first cored coil comprising multiturn solenoid windings about a ferromagnetic core, the first cored coil located adjacent a region of the air coil within the internal passage and having a sensing axis in a different direction than a sensing axis of the air coil.

IPC 8 full level

G01V 3/10 (2006.01); **G01V 3/165** (2006.01)

CPC (source: EP)

G01V 3/10 (2013.01); **G01V 3/165** (2013.01)

Citation (search report)

- [Y] US 2008246484 A1 20081009 - MILES PHILIP J [CA], et al
- [Y] US 4812812 A 19890314 - FLOWERDEW PETER M [GB], et al
- [Y] US 2010188089 A1 20100729 - KUZMIN PETR VALENTINOVICH [CA], et al
- [Y] JP H1062175 A 19980306 - SONY CORP
- [YA] US 2011181290 A1 20110728 - KUZMIN PETR VALENTINOVICH [CA], et al
- See references of WO 2013170340A1

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RU203234U1

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

DOCDB simple family (publication)

WO 2013170340 A1 20131121; AU 2012380303 A1 20141211; BR 112014028500 A2 20170627; CA 2873849 A1 20131121; CN 104641260 A 20150520; EP 2850464 A1 20150325; EP 2850464 A4 20160518; IN 10512DEN2014 A 20150821; RU 2014150933 A 20160710

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