

Title (en)

CONTROL OF OILFIELD TOOLS USING MULTIPLE MAGNETIC SIGNALS

Title (de)

STEUERUNG VON ERDÖLFÖRDERUNGSWERKZEUGEN ANHAND MEHRERER MAGNETISCHER SIGNALE

Title (fr)

COMMANDE D'OUTILS DE CHAMP PÉTROLIFÈRE À L'AIDE DE MULTIPLES SIGNAUX MAGNÉTIQUES

Publication

**EP 3119988 A1 20170125 (EN)**

Application

**EP 14891851 A 20140515**

Priority

US 2014038217 W 20140515

Abstract (en)

[origin: WO2015174990A1] A system and method for magnetically communicating with downhole tools. One or more magnetic sources are used to generate multiple magnetic signals with each signal corresponding to a different function of the downhole tool. The signals may be based on various signal characteristics including pulses, frequencies, particular signal strengths, durations, or any combination of measurable signal characteristics.

IPC 8 full level

**E21B 47/12** (2012.01); **E21B 47/13** (2012.01); **E21B 47/18** (2012.01)

CPC (source: EP US)

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Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2015174990 A1 20151119**; AR 100400 A1 20161005; AU 2014394068 A1 20161006; AU 2014394068 B2 20170511; CA 2943354 A1 20151119; DK 3119988 T3 20190715; EP 3119988 A1 20170125; EP 3119988 A4 20171101; EP 3119988 B1 20190522; EP 3119988 B8 20190703; MX 2016013294 A 20170118; MX 369391 B 20191107; US 2016177673 A1 20160623

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