

Title (en)  
DOWNHOLE LOW RATE LINEAR REPEATER RELAY NETWORK TIMING SYSTEM AND METHOD

Title (de)  
SYSTEM UND VERFAHREN ZUR RELAISNETZWERKTAKTUNG EINES LINEAREN BOHRLOCHREPEATERS MIT NIEDRIGER RATE

Title (fr)  
SYSTÈME ET PROCÉDÉ DE SYNCHRONISATION DE RÉSEAU RELAIS DE RÉPÉTEURS LINÉAIRES À FAIBLE DÉBIT DE FOND DE PUIITS

Publication  
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Application  
**EP 14884471 A 20140306**

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Abstract (en)  
[origin: WO2015134030A1] A downhole repeater network timing system for a drilling rig including a drillstring extending subsurface downwardly from a surface wellhead. The system includes a node located at the drillstring lower end and including a sensor adapted for providing a signal data set output corresponding to downhole drilling conditions. Multiple nodes are located downhole between the Bottom Hole Assembly (BHA) and the wellhead and are associated with the drillstring. The nodes are adapted for receiving and transmitting the signals. The timing control system is adapted for controlling all times within a timeframe according to pre-configured constants known to all nodes. A downhole low rate linear repeater network timing method uses the system.

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