

Title (en)  
SYSTEM AND METHOD FOR POSITION AND ORIENTATION DETECTION OF A DOWNHOLE DEVICE

Title (de)  
SYSTEM UND VERFAHREN ZUR ERKENNUNG DER POSITION UND AUSRICHTUNG EINER BOHRLOCHVORRICHTUNG

Title (fr)  
SYSTÈME ET PROCÉDÉ PERMETTANT LA DÉTECTION DE LA POSITION ET DE L'ORIENTATION D'UN DISPOSITIF DE FOND DE Puits

Publication  
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Application  
**EP 15832382 A 20150814**

Priority

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Abstract (en)  
[origin: WO2016024867A1] This publication relates to a system and a method for identifying or monitoring the orientation and position of a device, such as a tool, intended to be moved through or be stationary arranged a medium, such as rock, the system comprises an orientation unit (10) including an outer element (11) and an inner element (12). The system comprises further: -a fixed reference point member (13) is arranged on one element of the orientation unit; -at least one detector (15) for at any time sensing and thus identifying the position of the fixed reference point member(13); -at least one second detector (16) for sensing earth gravity; -device(s) for connecting the at least one first detector (15) and the at least one second detector (16) with a processor or retrieving collected data from said at least one first detector (15) and said at least one second detector (16), using such data from said at least one first detector (15) and said at least one second detector (16) for calculating and determining the rotational orientation of the fixed reference point member (13) relative to earth gravity.

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Citation (opposition)  
Opponent : **Devico AS.**

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