

Title (en)

DEVICE FOR DETERMINING PETROPHYSICAL PARAMETERS OF AN UNDERGROUND FORMATION

Title (de)

VORRICHTUNG ZUR BESTIMMUNG PETROPHYSIKALISCHER PARAMETER EINER UNTERIRDISCHEN FORMATION

Title (fr)

DISPOSITIF POUR LA DETERMINATION DE PARAMETRES PETROPHYSIQUES D'UNE FORMATION SOUTERRAINE

Publication

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Application

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Abstract (en)

[origin: WO2017167567A1] The invention relates to a device for determining petrophysical parameters of an underground formation, comprising at least two electrodes (EL), a means for emitting a frequency-variable electric current (MEC), and a means for measuring electrical resistivity (MRE) in terms of amplitude and phase, two of the electrodes (EL) cooperating with the emission means (MEC) and at least two of the electrodes (EL) cooperating with the means for measuring resistivity (MRE), a means for measuring a difference in electrical potential (MDP) cooperating with at least two of the electrodes (EL). The invention is particularly applicable to oil exploration and development.

IPC 8 full level

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