

Title (en)

METHOD FOR PERFORMING CHEMICAL AND ISOTOPIC ANALYSIS AND MEASUREMENTS ON CONSTITUENTS TRANSPORTED BY A BORE FLUID

Title (de)

VERFAHREN ZUR ANALYSE UND ZUR CHEMISCHEN UND ISOTOPISCHEN MESSUNG VON IN EINER BOHRFLÜSSIGKEIT BEFINDLICHEN KOMPONENTEN

Title (fr)

METHODE D'ANALYSE ET DE MESURES CHIMIQUE ET ISOTOPIQUE SUR DES CONSTITUANTS TRANSPORTES PAR UN FLUIDE DE FORAGE

Publication

EP 1328787 A1 20030723 (FR)

Application

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Priority

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Abstract (en)

[origin: FR2815074A1] The method to analyze and measure substances carried by shaft fluids, during drilling takes a sample for the constituents to be vaporized. The nature and/or quantity of the constituents are registered in a gas phase by chromatography. The vapors are carried to a mass spectrometer to determine the ratio of ^{13}C : ^{12}C carbon isotopes contained within the constituents. An Independent claim is included for an apparatus to analyze and measure the constituents carried in a drilling fluid with a combined chromatography for the gas phase, and mass spectrometry to determine the ratio of ^{13}C : ^{12}C of carbon isotopes carried in the fluid constituents.

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IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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