

Title (en)

EXPLORATION METHOD FOR DETECTION OF HYDROCARBONS FROM THE WATER COLUMN

Title (de)

EXPLORATIONSVERFAHREN ZUR DETEKTION VON KOHLENWASSERSTOFFEN AUS DER WASSERSÄULE

Title (fr)

PROCÉDÉ D'EXPLORATION PERMETTANT DE DÉTECTER DES HYDROCARBURES À PARTIR DE LA COLONNE D'EAU

Publication

**EP 3347745 A1 20180718 (EN)**

Application

**EP 16738970 A 20160630**

Priority

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- US 2016040418 W 20160630

Abstract (en)

[origin: WO2017039816A1] A method for detecting hydrocarbons is described. The method includes obtaining seismic data associated with a body of water in a survey region, filtering the seismic data to enhance diffraction anomaly signals (1103) with respect to horizontal or nearly horizontal signals associated with the water column, analyzing the seismic data to identify at least one noise indicator (1106, 1107, 1108, 1109, 1111) to produce a noise indicator image; and determining seepage locations (1103) by comparing the at least one noise indicator image to the filtered seismic data.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2017039816A1

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