

Title (en)
EXPLOITATION METHOD OF AN OILFIELD ON THE BASIS OF A SELECTION TECHNIC OF TO BE DRILLED BOREHOLE POSITIONS

Title (de)
BEWIRTSCHAFTUNGSVERFAHREN EINES ERDÖLVORKOMMENS ANHAND EINES AUSWAHLVERFAHRENS DER POSITION ZU
BOHRENDER BOHRLÖCHER

Title (fr)
PROCÉDE D'EXPLOITATION D'UN GISEMENT PÉTROLIER À PARTIR D'UNE TECHNIQUE DE SELECTION DES POSITIONS DES PUITs À
FORER

Publication
EP 2568110 B1 20181205 (FR)

Application
EP 12290268 A 20120807

Priority
FR 1102701 A 20110906

Abstract (en)
[origin: US2013020131A1] The invention is a method of developing a petroleum reservoir employing a technique for selection of the position of the wells to be drilled. A production indicator map is utilized comprising a set of cells each associated with a production indicator defining impact on fluid production of addition of a well in this cell. The production indicator map is constructed by selecting cells from among the set of cells of the map; determining production indicators in the selected cells; and interpolating the production indicators on the set of cells of the map, by an interpolation model accounting for a distance between the cell to be interpolated and the closest well to the cell to be interpolated. The position of the well to be drilled is defined by the cell where the production indicator is a maximum.

IPC 8 full level
E21B 41/00 (2006.01)

CPC (source: EP US)
E21B 43/30 (2013.01 - EP US)

Cited by
FR3101660A1; RU2747019C1; EP2963235A1; WO2021063804A1

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DOCDB simple family (publication)
US 2013020131 A1 20130124; US 9422800 B2 20160823; CA 2789537 A1 20130306; CA 2789537 C 20190507; EP 2568110 A1 20130313;
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US 201213597613 A 20120829; CA 2789537 A 20120904; EP 12290268 A 20120807; FR 1102701 A 20110906