

Title (en)

Method for modelling the production of an oil-bearing formation

Title (de)

Verfahren zur Modellierung der Ölgewinnung aus einer unterirdischen Formation

Title (fr)

Méthode de modélisation de la production d'un gisement pétrolier

Publication

EP 1630348 A1 20060301 (FR)

Application

EP 05291700 A 20050808

Priority

FR 0409177 A 20040830

Abstract (en)

The method has five stages: Stage 1 consists of constructing a flow simulator based on physical data measured at the deposit; Stage 2 consists of determining a first analytical model linking the production of the deposit to a time function, taking into account parameters that influence production. In Stage 3 the first model is adjusted to a finite number of production values obtained from the simulator. In Stage 4 a new production value is selected from the simulator, and in Stage 5 a second model is produced by adjusting the first model in such a way that the second model interpolates the new production value.

IPC 8 full level

E21B 41/00 (2006.01); **E21B 44/00** (2006.01)

CPC (source: EP US)

E21B 43/00 (2013.01 - EP US)

Citation (applicant)

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