

Title (en)

Method of enhanced recovery of hydrocarbons in an underground formation

Title (de)

Sekundärverfahren zur Gewinnung von Kohlenwasserstoffen aus unterirdischen Lagern

Title (fr)

Procédé de récupération assistée de fluids pétroliers dans un gisement souterrain

Publication

**EP 0886035 B1 20040908 (FR)**

Application

**EP 98401342 A 19980605**

Priority

FR 9707611 A 19970617

Abstract (en)

[origin: EP0886035A2] The displacement of oil from a subterranean seam comprises a stage of injection, under pressure, by one or more injection wells successively with plugs of fluid to displace the hydrocarbons in the formation, and a recovery stage, by one or more production wells, of the displaced hydrocarbons. The injection stage comprises the successive injection of plugs of moist fluid which have been saturated with a gas under pressure and gaseous plugs to scavenge the more permeable zones. The production stage comprises the relaxation of the pressure in the formation so as to generate, in-situ, gas bubbles by nucleation in the pores of the less permeable zone, and to free hydrocarbons to the more permeable zones where they are scavenged by the gaseous plugs.

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**E21B 43/16**; **E21B 43/18**

IPC 8 full level

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CPC (source: EP US)

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Cited by

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