

Title (en)
SUBTERRANEAN FLOW BARRIERS CONTAINING TRACERS

Title (de)
UNTERIRDISCHE STRÖMUNGSBARRIEREN MIT TRACERN

Title (fr)
BARRIÈRES D'ÉCOULEMENTS SOUTERRAINS CONTENANT DES TRACEURS

Publication
EP 2569507 A2 20130320 (EN)

Application
EP 11719362 A 20110428

Priority
• US 77796510 A 20100511
• GB 2011000669 W 20110428

Abstract (en)
[origin: US2011277996A1] Some aspects of the present disclosure include monitoring fluid flow in a subterranean reservoir. In some implementations, a sealant mixture is injected into a subterranean reservoir to form a flow barrier in the subterranean reservoir. The sealant mixture includes a sealant material and a tracer. The tracer may be stored in the flow barrier, and the tracer may be displaced from the flow barrier, for example, by fluid flow in the subterranean reservoir. The displaced tracer may be detected, for example, in fluid produced into a well bore in the subterranean reservoir. Fluid flow in the subterranean reservoir may be analyzed based on detection of the tracer.

IPC 8 full level
E21B 33/138 (2006.01); **E21B 43/16** (2006.01); **E21B 47/10** (2012.01)

CPC (source: EP US)
E21B 33/138 (2013.01 - EP US); **E21B 43/16** (2013.01 - EP US); **E21B 47/11** (2020.05 - EP US)

Citation (search report)
See references of WO 2011141687A2

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Designated contracting state (EPC)
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