

Title (en)

DEGRADABLE FLUID SEALING COMPOSITIONS HAVING AN ADJUSTABLE DEGRADATION RATE AND METHODS FOR USE THEREOF

Title (de)

ABBAUBARE FLUIDDICHTUNGSMASSEN MIT EINSTELLBARER ABBAURATE UND VERWENDUNGSVERFAHREN DAFÜR

Title (fr)

COMPOSITIONS FORMANT UNE ÉTANCHÉITÉ AUX FLUIDES DÉGRADABLE, PRÉSENTANT UNE VITESSE DE DÉGRADATION RÉGLABLE, ET LEURS PROCÉDÉS D'UTILISATION

Publication

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Application

EP 13710179 A 20130227

Priority

- US 201213414269 A 20120307
- US 2013027863 W 20130227

Abstract (en)

[origin: US2013233546A1] When performing subterranean treatment operations, it can be desirable to temporarily divert or block fluid flow by forming a degradable fluid seal. Methods for forming a degradable fluid seal can comprise: providing a sealing composition comprising: a degradable polymer, and a water-soluble material comprising a first portion and a second portion of rigid particulates, each portion having a sealing time and a particulate size distribution associated therewith, the particulate size distributions of the first portion and the second portion differing from one another; determining an amount of the first portion relative to the second portion needed to produce a degradable fluid seal having a desired sealing time that is different than that of the sealing time of either the first portion or the second portion; introducing the sealing composition into a subterranean formation; and allowing the sealing composition to form a degradable fluid seal in the subterranean formation.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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