

Title (en)

COMPOSITION AND METHOD FOR WATER AND GAS SHUT-OFF IN SUBTERRANEAN FORMATIONS

Title (de)

ZUSAMMENSETZUNG UND VERFAHREN ZUR WASSER- UND GASABSPERRUNG IN UNTERIRDISCHEN FORMATIONEN

Title (fr)

COMPOSITION ET PROCÉDÉ D'ARRÊT D'EAU ET DE GAZ DANS DES FORMATIONS SOUTERRAINES

Publication

**EP 3625306 A1 20200325 (EN)**

Application

**EP 18724433 A 20180507**

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Abstract (en)

[origin: CA3063594A1] A composition useful for subterranean water or gas shut off applications includes organosilane-modified colloidal silica and an accelerator. The accelerator includes one or more organic or inorganic salts. A method of using a composition, including an organosilane-modified colloidal silica and an accelerator, includes forming a fluid system that is flowed to a formation in a subterranean zone, such as through a wellbore, where the composition forms a gel to plug the formation and shut off water flow into the wellbore.

IPC 8 full level

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CPC (source: EP)

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