

Title (en)

METHOD FOR MODIFYING THE WATER PERMEABILITY OF A SUBTERRANEAN FORMATION

Title (de)

VERFAHREN ZUR MODIFIZIERUNG DER WASSERDURCHLÄSSIGKEIT EINER UNTERIRDISCHEN FORMATION

Title (fr)

PROCEDE DE MODIFICATION DE LA PERMEABILITE A L'EAU D'UNE FORMATION SOUTERRAINE

Publication

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Application

**EP 20707499 A 20200129**

Priority

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Abstract (en)

[origin: WO2020157430A1] The present invention relates to a method for modifying the water permeability of a subterranean formation which comprises oil, said method comprising at least the following steps: - preparing an injection fluid from a dispersion of a hydrophilic phase in a lipophilic phase, with water or brine, the dispersion comprising: - a hydrophilic phase comprising at least one linear (co)polymer E, - a lipophilic phase, - at least one interface polymer composed of at least one monomer of formula (I): - injecting the injection fluid into the subterranean formation, comprising a linear (co)polymer E concentration, such that when released and in contact with water, the viscosity of the injection fluid is greater than the viscosity of the oil in the formation.

IPC 8 full level

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