

## Title (en)

COMPOSITION FOR AND PROCESS OF RECOVERING OIL FROM AN OIL-BEARING FORMATION

## Title (de)

ZUSAMMENSETZUNG UND VERFAHREN ZUR RÜCKGEWINNUNG VON ÖL AUS EINER ÖLHALTIGEN FORMATION

## Title (fr)

COMPOSITION ET PROCÉDÉ DESTINÉS À LA RÉCUPÉRATION DE PÉTROLE À PARTIR D'UNE FORMATION PÉTROLIFÈRE

## Publication

**EP 3094816 A4 20170802 (EN)**

## Application

**EP 15737217 A 20150112**

## Priority

- US 201461927276 P 20140114
- US 2015010991 W 20150112

## Abstract (en)

[origin: US2015198018A1] A composition for forming a foam, a foam composition, and a process for using the foam composition to recover oil from an oil-bearing formation are provided. The composition includes water, a surfactant mixed with the water, and fly-ash particles suspended in the mixture of water and surfactant, where the fly-ash particles have a particle size distribution with an average particle size of less than 200 nm, and where the suspension has an absolute zeta potential of from 10 mV to 40 mV. The composition may be mixed with a gas to produce a foam composition, and the foam composition may be contacted with oil in an oil-bearing formation in a process to recover oil from the formation.

## IPC 8 full level

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## Citation (search report)

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- [A] US 2003139299 A1 20030724 - BRAGG JAMES R [US], et al
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- See references of WO 2015108812A1

## Designated contracting state (EPC)

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## DOCDB simple family (application)

**US 201514594881 A 20150112**; CA 2935583 A 20150112; EA 201691427 A 20150112; EP 15737217 A 20150112; US 2015010991 W 20150112