



US012351756B2

(12) **United States Patent**
Asirvatham

(10) **Patent No.:** **US 12,351,756 B2**

(45) **Date of Patent:** **Jul. 8, 2025**

(54) **SURFACTANTS FOR OIL AND GAS PRODUCTION**

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(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

(21) Appl. No.: **18/746,387**

(22) Filed: **Jun. 18, 2024**

(65) **Prior Publication Data**

US 2024/0376371 A1 Nov. 14, 2024

Related U.S. Application Data

(62) Division of application No. 18/225,004, filed on Jul.
21, 2023, now Pat. No. 12,049,589, which is a
division of application No. 17/979,637, filed on Nov.
2, 2022, now Pat. No. 11,891,568, which is a division
of application No. 17/127,033, filed on Dec. 18, 2020,
now Pat. No. 11,542,428.

(60) Provisional application No. 62/955,873, filed on Dec.
31, 2019.

(51) **Int. Cl.**
C09K 8/584 (2006.01)
C07F 7/08 (2006.01)
C09K 8/588 (2006.01)
C09K 8/594 (2006.01)
E21B 43/16 (2006.01)

(52) **U.S. Cl.**

CPC **C09K 8/584** (2013.01); **C07F 7/0838**
(2013.01); **C09K 8/588** (2013.01); **C09K 8/594**
(2013.01); **E21B 43/16** (2013.01)

(58) **Field of Classification Search**

CPC C09K 8/685
See application file for complete search history.

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(57) **ABSTRACT**

Surfactants for use in formulations and processes suitable
for hydrocarbon recovery. These formulations, include for-
mulations suitable for fracking, enhancing oil and or gas
recovery, and the recovery and or production of bio-based
oils.

12 Claims, 7 Drawing Sheets

